















MASTER PRODUCT CATALOGUE



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OVERVIEW

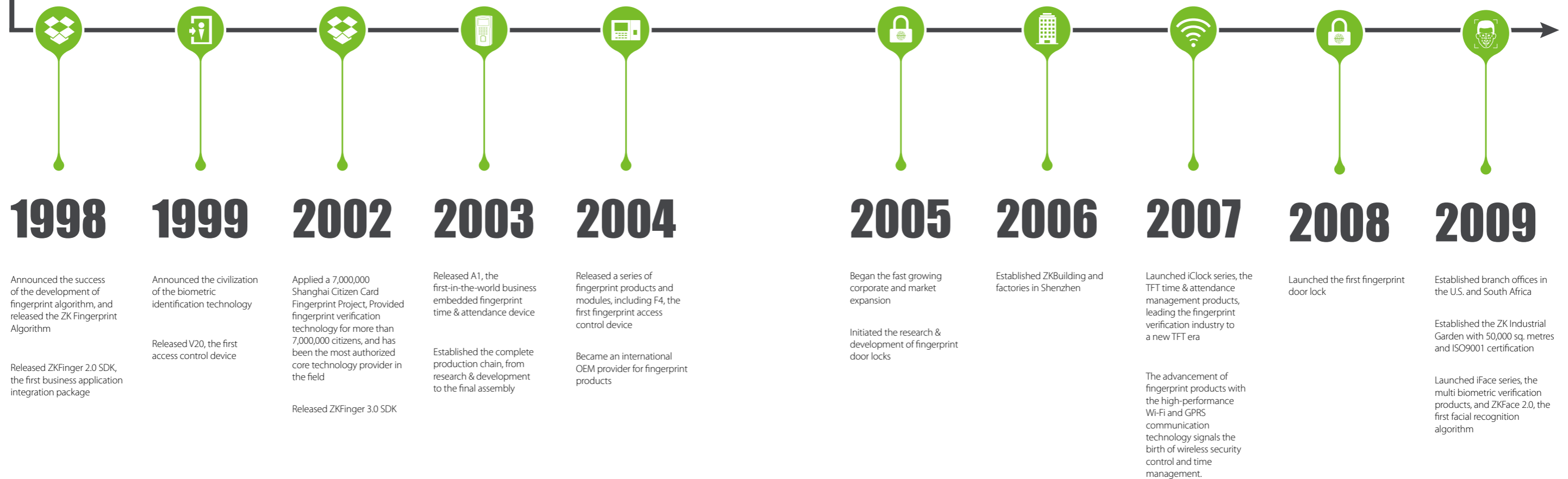
ZKTeco Co., Ltd (hereinafter referred to as ZKTeco) is a globally renowned enterprise with biometric verifications as its core techniques, which dedicates itself in the three industries including Biometric Verification Core Technique Empowerment, Smart Entrance & Exit “Person + Car + Object” Software Platform Empowerment, and ZKTeco+ Smart Office Cloud Platform Empowerment, and providing total services to the users of global public services, enterprise-level users and personal users.

ZKTeco has approximately 3,500 employees globally, among them there are around 1,000 R&D staffs and 600 foreign staffs. The enterprise owns 45 branches and subsidiaries in China, and 48 branch organizations in Hong Kong, Macau, Taiwan and overseas (As of 1st May 2020).

ZKTeco has various centers for development, design and innovations in Silicon Valley, Europe, India, Dongguan, Xiamen and Dalian. At present, ZKTeco’s techniques and smart terminals have been applied by most 500 global top enterprises, and its business has already covered more than 100 countries and regions.

ZKTeco upholds the vision of “Responsibility, Integrity, Pragmatism, and Excellence”, wishes to change the world with technology, and make a safer and wiser living and social development.

HISTORY





2010

Launched MultiBio 700, the first-in-the-world multi biometric verification device

Launched ZKIris 1.0, the first iris verification algorithm

Launched ZKVein 2.0, the first finger vein verification algorithm

Established a branch office in Europe

Launched C3, the RFID access control panel

2011

Launched BioCam100, the first-in-the-world embedded facial recognition camera

Launched InBio series, the first-in-the-world fingerprint access control panel

Established branch offices in Dubai, Thailand and Mexico

2012

Launched ZK MultiBio 3.0, the first multi biometric algorithm with fingerprint, face, iris and vein recognition techniques

Established branch offices in Vietnam, Indonesia, Brazil, Argentina and Russia

2013

Established a manufacturing center for products of entrance security and carpark management

Established branch offices in India and Philippines

2014

Launched the first-in-the-world facial recognition door lock

Established the ZK Xiamen Software Center

Established branch offices in Hong Kong, Turkey and Malaysia

2015

Released ZKTime.Net 3.0, a new generation of time & attendance management software

Announced the opening of ZKAccess, the new independent security division in the U.S.

2016

Released X-Ray inspection series which was officially approved by the Ministry of Public Safety China

Established the Security Research and development Center in Italy

2017

ZKTeco released the latest extra-long standby hour desktop mobile attendance device D1S/D2S, newest fingerprint card (Bio Card), channel application modules, visible light face recognition (applied GPU/VPU modules).

Released the latest global smart license plate recognition system, smart license plate recognition algorithm, intellectualized engineering sensing visual system based on smart city applications. The newest SilkID fingerprint collector has obtained the international PIV and STQC certifications.

2018

Launched visible light devices

Established a joint product laboratory in Korea

2019

ZKTeco released the ZKLiveFace5.6 visible light facial recognition algorithm, which supports 1: N 50000 facial templates; meanwhile released the ZKLiveFace12.0 large-capacity nearinfrared face facial recognition algorithm, which supports 1: N 12000 facial templates

ZKTeco Software

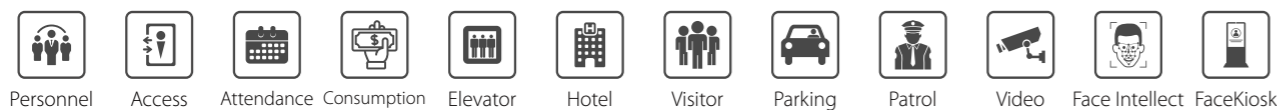
Providing comprehensive solutions is always ZKTeco's primary goal. In the 21st century, a complete solution represents a combination of software and hardware. As a well-known biometric solution provider, ZKTeco's self-developed series of cutting-edge and user-friendly software provides users with unique biometric experience.





ZKBioSecurity

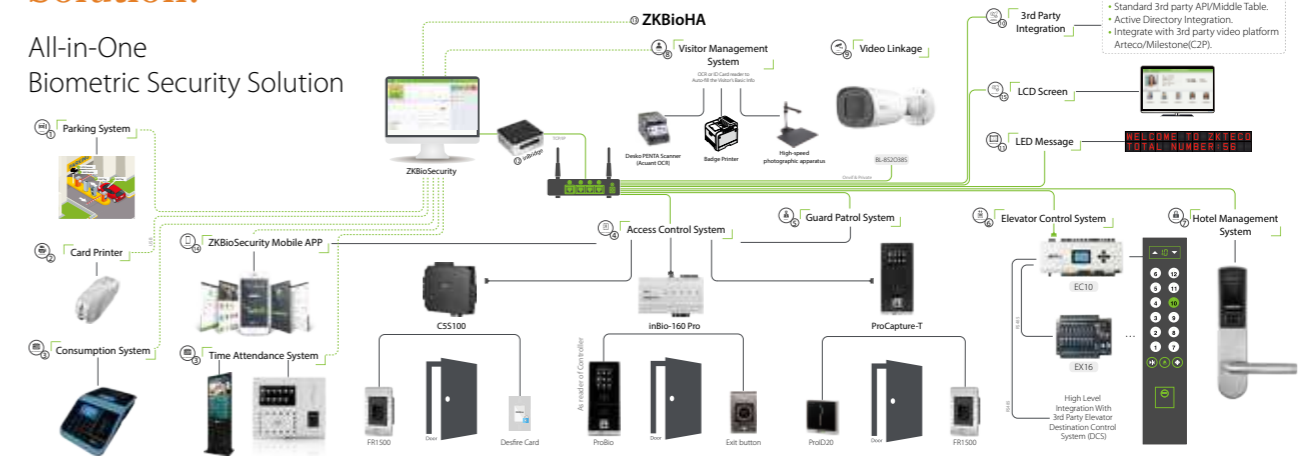
All-in-One Biometrics Security Solution



ZKBioSecurity is the ultimate "All-in-One" web-based security platform developed by ZKTeco. It contains multiple integrated modules: access control, time attendance, consumption management, elevator control (online/offline), visitor management, parking, guard patrol, FaceKiosk and intelligent facial recognition camera management, video linkage and other sub-systems. All of the sub-systems support both single-unit deployment and multi-module free combination and effective linkage; Provide powerful integration capabilities and user visual data presentation analysis functions for various industries, truly achieve large-scale system-wide security intelligent management.

Solution:

All-in-One Biometric Security Solution



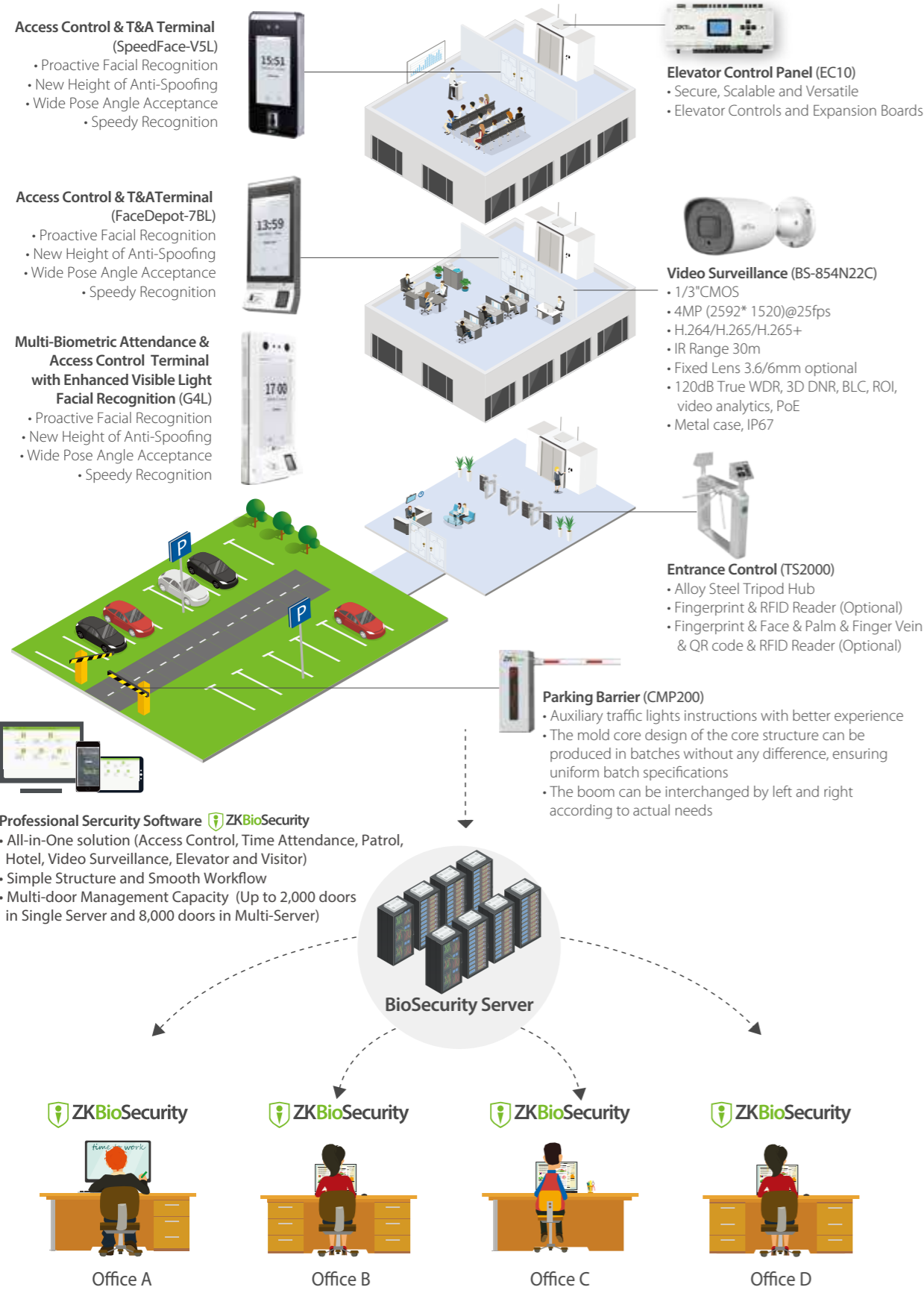
Features:

- | | | |
|--|--|--|
| Micro-Service Architecture | Face Intellect Module for Biometrics Frictionless Access Control | High Security Data Transmission |
| FaceKiosk Management | Visible Light Facial Recognition | Consumption Management |
| All-In-One Biometric Security Solution | Web-Based Platform | Data Auto-Backup Function |
| Extra Large Doors Management Capacity | Email Notifications | Time Zone Settings for Exit Button and Auxiliary Input |
| Time Attendance | Office Elevator Control | LPR Camera for Parking |
| Support ONVIF Surveillance Device | Flexible Verification Mode | Door Activation & Deactivation |
| Global Anti-Passback and Linkage | Mobile APP | OCR |

- Web-based All-in-One solution. Simple structure and smooth workflow
- Stable and consistent communication with the hardware
- Advanced access control features (Global Anti-Passback, Global Linkage, Global Interlock, etc.)
- Supports T&A devices, doors and LPR camera to generate T&A logs
- Integrated with Arteco video software and C2P middleware, also can connect with Milestone
- Alarms and events email notifications
- Flexible 3rd party API and Active Directory integration to integrate with 3rd party software
- Supports ZKBioHA high availability system to ensure 24/7 continuity system operation
- Avoids service bloated caused by single point deployment, supports multi-point distributed deployment of service



"All-in-One" Web-Based Biometric Security Management Platform



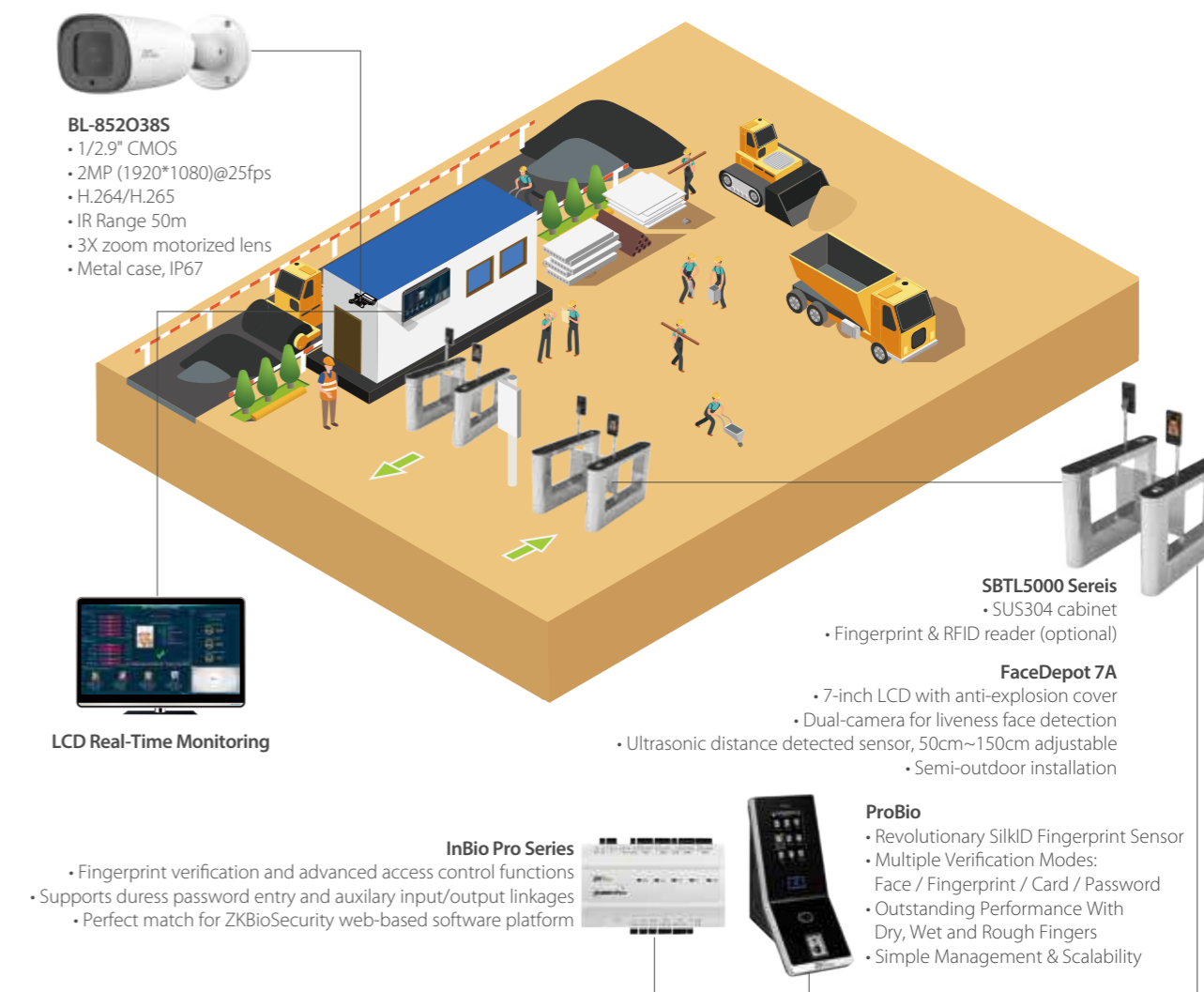
ZKBioSecurity Parking Management Solution

There has been an increasing number of parking lots and vehicle management areas beginning to use License Plate Recognition (LPR) products and Ultra-high Frequency (UHF) products which provides convenient user experience. While using the LPR products with no parking cards required, the automatic license plate recognition enables fast vehicle access to parking lots. The UHF solution will help to reduce the inconvenience of punching the card which is more useful for the xed cars application.



ZKBioSecurity ConSite

Integrated with ZKBioSecurity biometrics and personnel identification, ZKBioSecurity ConSite is newly added the worker management and construction site management module. This system can effectively manage registered workers, monitoring workers' attendance and access control details in real time, which truly realizes the intelligent integrated management of workers and site security.



SOFTWARE



ZKBioSecurity Mobile 2.0

ZKBioSecurity mobile 2.0 is a brand-new client application of ZKBioSecurity software, providing personnel management, access control, visitor management, parking management, time attendance self-service query, and other convenient functions. Currently it supports Chinese, English and Spanish.

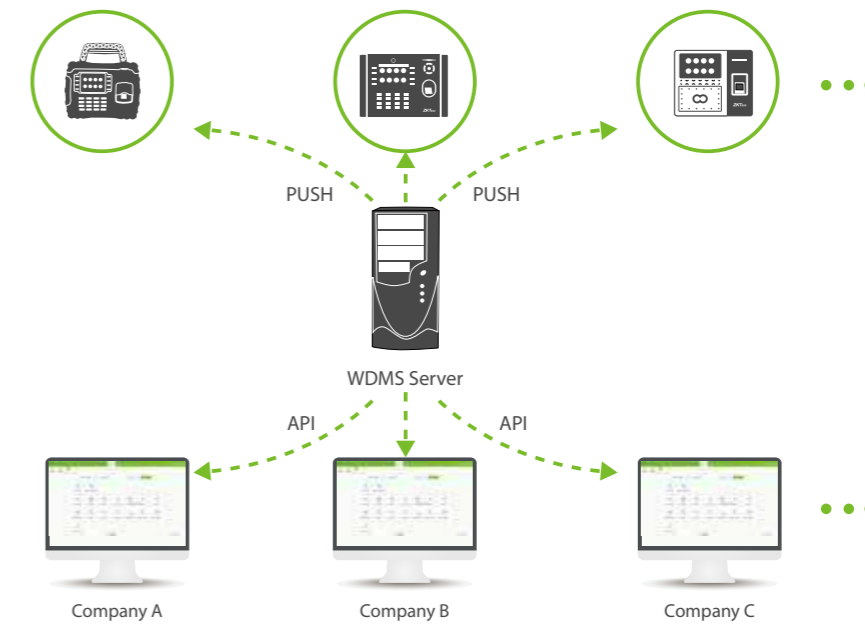


Features

- Add, delete, modify or query personnel information through app
- Personnel module parameters settings
- Make phone calls and send messages to employee
- Real-time monitoring of access control events
- Remote door opening operations
- View information of alarm events and records of access control events
- Manage visitor appointments
- Grant the rights of access and using the elevator to visitors
- View visit history of visitors
- Fixed vehicle and temporary vehicle access authorization
- View records of vehicles access to a parking lot
- Detailed reports on vehicle charges
- Parking module parameters settings
- Time attendance self-service query

WDMS

WDMS stands for Web-based Data Management System, an advanced middleware. WDMS provides a stable connection to ZKTeco's standalone devices with PUSH SDK by Ethernet/Wi-Fi/GPRS/3G. Administrators can access WDMS anywhere on the browser or a third-party software with API to manage thousands of devices, thousands of employees and their transactions.



Software Specifications

System Architecture	Server/Browser
Device Capacity	100 devices in single server. For more devices project, please contact with ZKTeco to estimate.
Monitor Resolution	1024 x 768 or above
Database	PostgreSQL(Default) / MS SQL Server / MySQL / Oracle
Supported OS	Windows 7/8/8.1/10/ Windows Server 2003/2008/2012/2016 Linux: CentOS / Ubuntu
Suggested Browsers	IE 8+/Firefox 11+/Chrome x+

Hardware Requirements

CPU	Dual core processor with speeds 2.0GHz or above
RAM	4GB or Above
Storage	Available space of 100G or above. (We recommend using NTFS hard disk partition as the software installation directory.)

ZK Bio Access IVS

A More Comprehensive Solution to Take Small Businesses up to The Next Level



Introduction

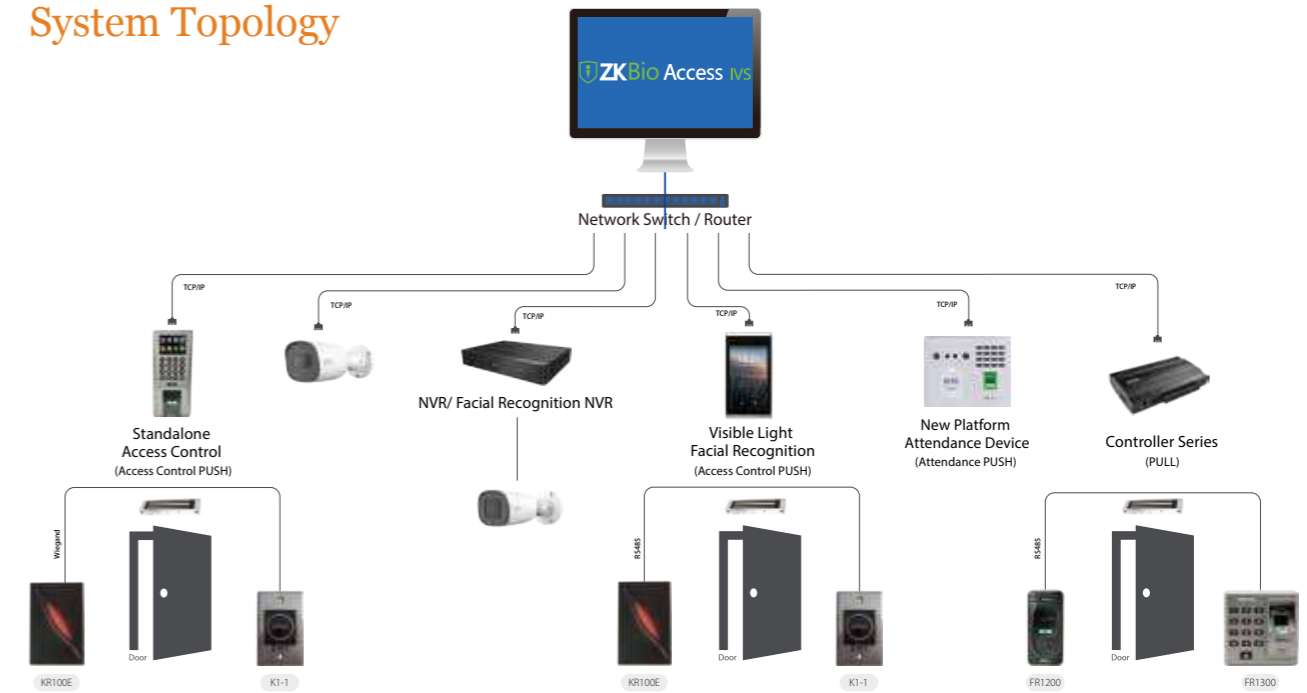
ZK Bio Access IVS is a lite web-based security platform developed by ZKTeco which supports most ZKTeco Hardware. It provides abundant functionality that fulfills management requirements of small- to medium-sized businesses: Personnel Management, Access Control, Attendance Management, Video Surveillance, System Management.



Features

- Web-Based Attendance Module
- Supports T&A devices using the New Platform Core Board with ADMS function
- Supports setup of attendance points on A&C devices and video cameras to generate T&A logs
- Reliable Video Management System module
- Supports basic video surveillance functions, including real-time live view, playback, video recording, remote searching, etc.
- Supports facial recognition NVR to realize intelligent recognition functions
- Supports English/ Spanish/ Thai/ Indonesian/ Vietnamese/ Traditional Chinese and Simplified Chinese
- Supports language switching in real-time
- Supports self-registration of temporary staff with QR codes
- Supports HTTPS protocol for data security
- Stable, fast and consistent communication
- Reliable access control logic
- Automatic data backup
- Alarms and events email notification
- Available to upgrade to standard ZKBioSecurity software

System Topology



Software Comparison

Software Item	ZKBioSecurity	ZK Bio Access IVS	ZKAccess 3.5
Target Market	Project Charged (System Integration)	SMB Charged (Channel Distribution)	Free Software (Channel Distribution)
Architecture	B/ S	* B/ S	C/ S
Protocol	Push SDK	* Push SDK & Pull SDK	Standalone SDK & Pull SDK
Access Control Device	- Access Control Panels (inBio Pro Series) - Green Label Standalone Series Devices (ProCapture-T/ ProBio/ ProFAC/ etc.) - Visible Light Facial Recognition Series Devices	- Access Control Panels (C3 Series/ inBio Series) - Standalone Access Control Devices with PUSH Firmware (F18-S/ F19-S/ F21 Lite/ MB800/ etc.) - * Visible Light Facial Recognition Series Devices	- Access Control Panels (C3 Series/ inBio Series) - Standalone Access Control Devices with Pull & Standalone Firmware (SC700/ MA500/ iClock Series/ etc.)
Attendance Device	- Green Label Attendance Device (G1/ G2/ G3/ G4) - Visible Light Face Recognition Series Device	- * New Platform Push Attendance Device (IN01-A/ U160-C/ iClock580/ uFace102/ etc.) - * Visible Light Face Recognition Series Device	N/ A
VMS (Video Management System)	Support	* Support	N/ A
Multiple Admin Login	Support	* Support	N/ A
Database	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	Microsoft Office Access (Default) MS SQL Server 2005 or Above (Optional)
License Control	Support	Support (Provide Free Standard License on Official Website)	Support (Provide Public Key on Official Website)
Service Policy	1 Year Free Warranty	* 1 Year Free Warranty	No Maintenance
License Fee	Contact us for Pricing	Contact us for Pricing	Free



ZKTeco Parking

ZKTeco Parking



ZKTeco Parking is a Client/Server architecture parking lot management software. It is suitable for two-entrance and two-exit small parking lot projects and the software supports a maximum of access to 4 LPR cameras.

ZKBioSecurity



ZKBioSecurity3.0 is a Browser/Server architecture software. Its parking lot management module is suitable for large parking projects with two-entrance and two-exit or more. It supports a maximum of access to 40 LPR cameras.

Module	ZKTeco Parking	ZKBioSecurity
Software Pictures		
Software Specifications		
System Architecture	Client/Server	Browser/Server
Supported Database	PostgreSQL	PostgreSQL, Oracle11g, SQL Server 2005/2008/2012
Supported OS	Windows 7/8/10(32/64)	Windows7/8/8.1/10, Windows Server 2008/2012(32/64)
Minimum PC Requirements		
CPU	Dual core processor	Dual-core and above
	Processing speed with 2.4GHz	Processing speed with 2.4GHz
Memory	4GB or above	4GB or above
Storage	30GB free space or more	10GB free space or more
System Specifications		
System Support	Maximum: 4 cameras	Maximum: 40 cameras

ZKPOS

ZKPOS softwares are built to facilitate restaurant/retail / wholesale / supermarket business functions, improving the accuracy, efficiency, and effectiveness of point of sale operations, providing better quality and igniting innovations with customer satisfaction. It includes the local and cloud solutions by windows, apps. ZK POS software is not only a professional pos system, also offers a new business mode by zkpos store for online and offline business. What's more, it is a one-stop solution for smart retail integrated with ZKTeco's attendance and CCTV system.



ZKPOS Retail / Supermarket

- Employee and Customer Management
- Speed of Service
- Real Time Reporting
- Accuracy in Reports



ZKPOS Restaurant

- Table and Ordering Management
- Customer Database Management
- Inventory and Stock Management
- Accurate Bills





ZK SmartKey

ZK Smartkey App is a door lock management software for mobile devices, which is compatible with iOS and Android phones. It is mainly used for door opening with mobile phones, mobile user management, user information review, and so on.

Features

- Visitor Mode: Share a temporary passcode anywhere and anytime
- Records Check: Keep tracking who is visiting at some point.
- Time Zone: Grant limited access rights to your baby-sitter or house keeper
- User Registration: Register a fingerprint template, card, passcode with your mobile phone



Codes Sharing



Access Management



Bluetooth 4.0 Power Saving Technology



User Management

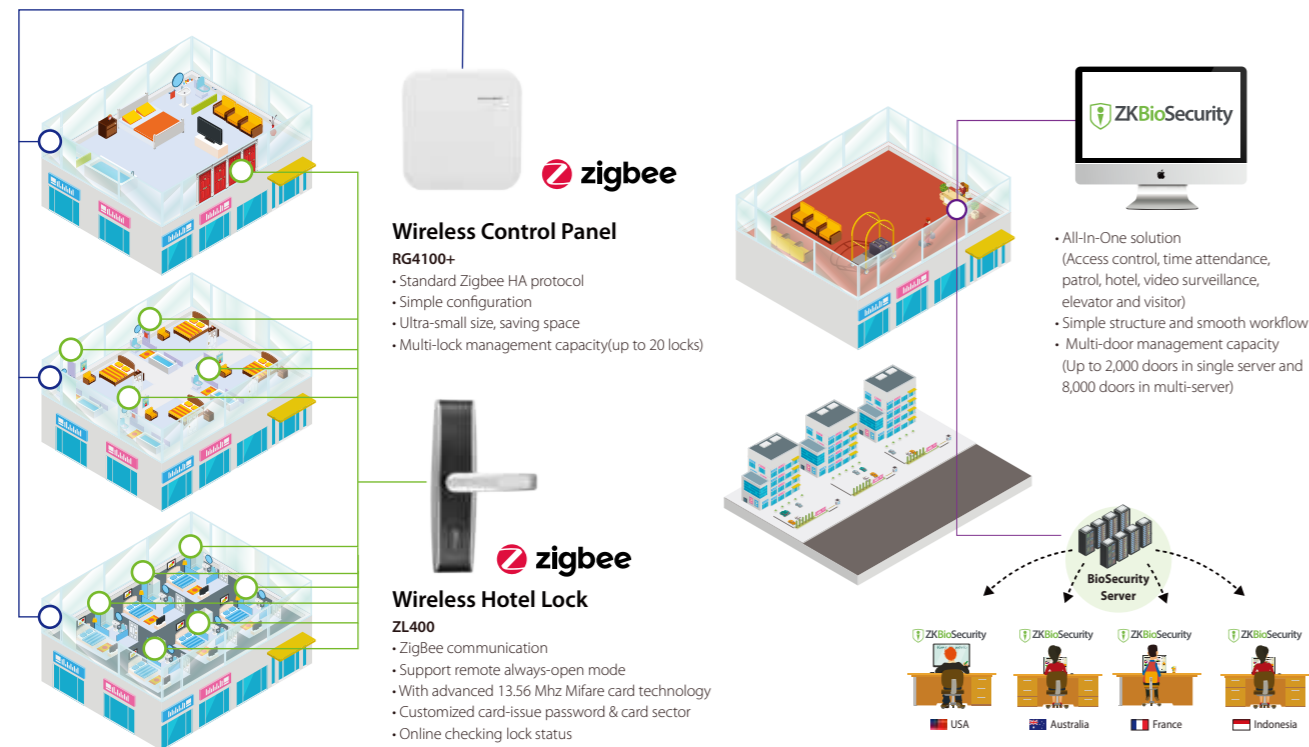


Keyless Entry



Records

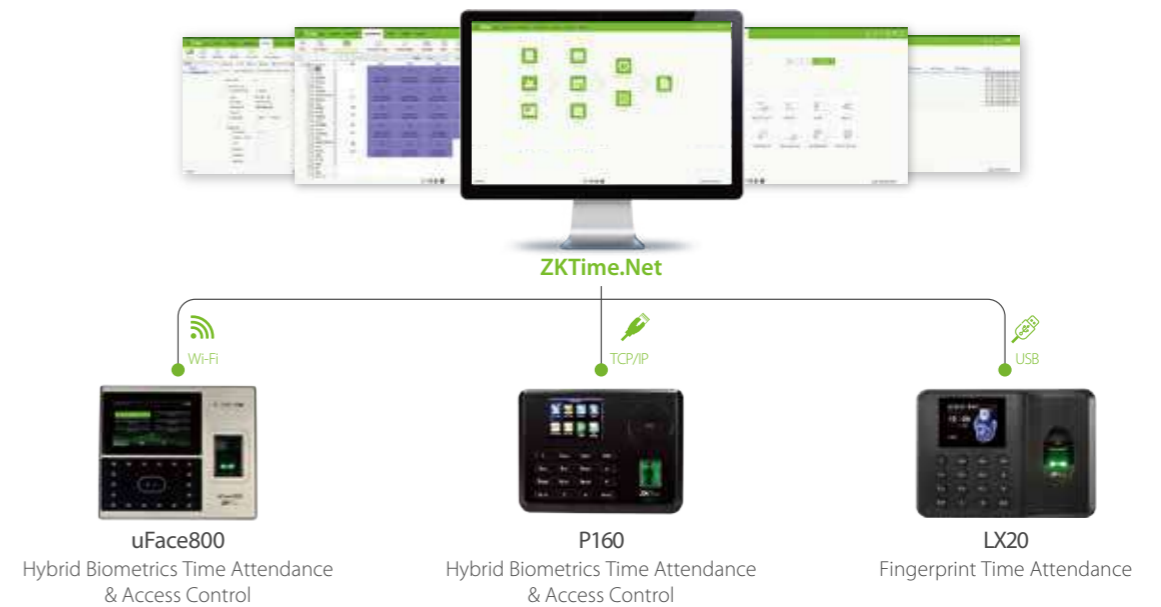
ZKBioSecurity Online Hospitality



ZKTime.net 3.0

Lite Time Attendance Software for SME

Solution



Features

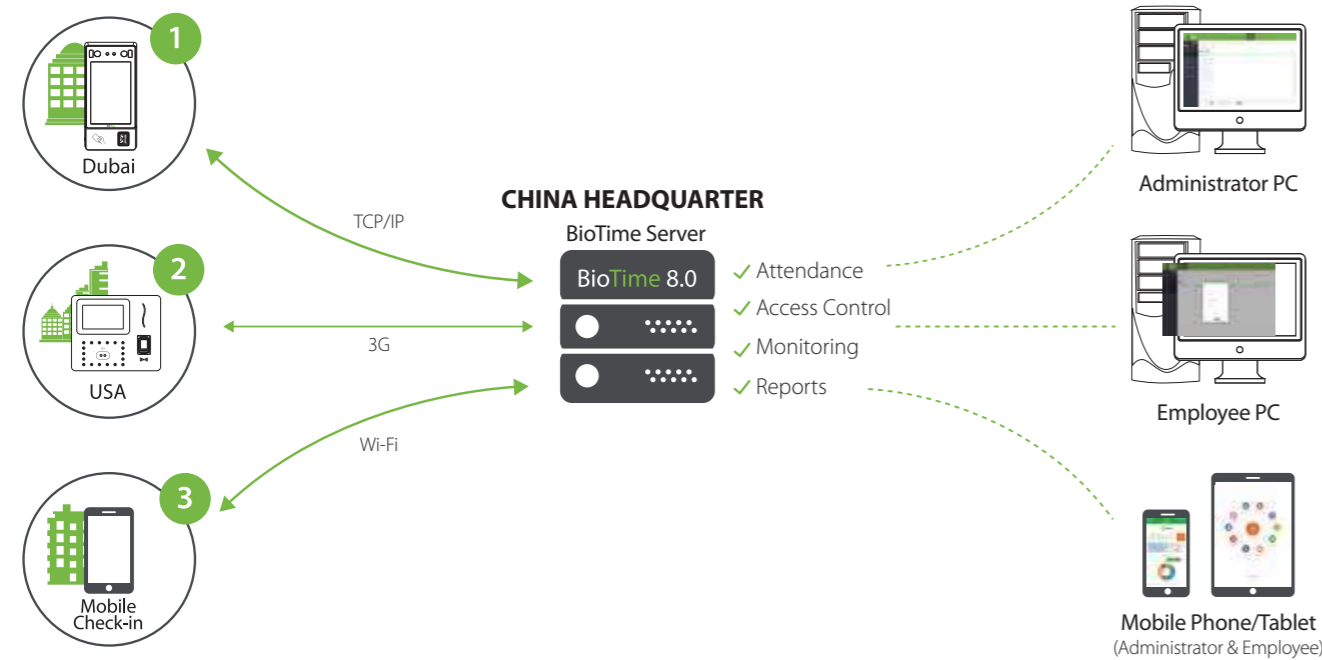
- Multiple Languages
- Hybrid-biometric Templates
- Auto-schedule & Smart Shift Schedule
- Flexible & Cross-day Shift Schedule
- Attendance Calculation & 15+ Reports
- Custom Leave & Leave Balance
- Simple Access Control
- Online Feedback & Update
- E-mail Alert
- License Control

System Architecture	Client / Server
Device List	Standalone SDK Communication Devices including A Series / B Series / iClock Series / IN Series / K Series / KF Series / LX Series / MB Series / P Series / Silk Series / S Series / D Series / U Series / uFace Series / VF Series / X Series / Green Label Series
Database	SQLite (Default) / MS SQL Server / PostgreSQL / MySQL
Operating System	Windows 7/8/8.1/10 (32 bit & 64 bit)
Capacity	2000 Users, 50 Devices
Monitor Resolution	1024 x 768 or above
CPU	Dual Core Processor with speeds of 2.0GHz or faster
RAM	4GB or above
Storage	10GB available disk space or above



BioTime 8.0

Web-Based Time & Attendance Management Software



BioTime 8.0 is a powerful web-based time and attendance management software. BioTime 8.0 provides a stable connection to ZKTeco standalone push communication devices with Ethernet/ Wi-Fi/ GPRS/ 3G. It serves as a private cloud which enables employee self-service with our Mobile App.

Multiple administrators can access BioTime 8.0 anywhere on the browser. Using the software, administrators could manage hundreds of devices and thousands of employees as well as their transactions with no difficulty.

Users could also easily manage timetables, duty rosters, schedules, attendance report generating on the attentive user interface.

Features

- Web-based Time Attendance Software
- Flexible and Smart Shift Scheduling
- Employee Self Service
- E-mail Alert for Approval Request
- Auto-Synchronization of Biometric Templates by Area
- Multiple Approval
- Real-time Monitoring
- Attendance Calculation and Reports
- Supports Multiple Languages
- Multiple Admin Privilege
- Database Backup and Restore
- Simple Access Control
- Payroll Management
- Easy Intergration with API
- Mobile Application
- Linux OS Installation
- AD Integration for Personnel Management
- Leave Balance Management
- Custom Attendance Report Mail Delivery
- Conference Room Management

Software Specifications

System Architecture	Server/Browser
Supported Device	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / U Series / UA Series / LP Series / Face Series / VF Series / X Series
Device Capacity	500 in Single Server
Database	PostgreSQL (Default) MSSQL Server 2005/2008/2012/2014/2016/2017 MySQL 5.0/5.6/5.7 Oracle 10g/11g/12c
Supported OS	(64-bit only) Windows 7/8/8.1/10, Windows Server 2008 /2008 R2/2012/2012 R2/2016/2019
Suggested Browsers	Chrome 33+ / IE 11+ / Firefox 27+
Monitor Resolution	1024 * 768 or above

Hardware Requirements

Item	Description
CPU	Dual core processor with speeds of 2.4GHz or faster
RAM	4GB RAM available or above
Storage	Available space of 100GB or above. (We recommend using NTFS hard disk partition as the software installation directory)



VMS-AntarVis 2.0 & APP-AntarView Pro



VMS-AntarVis 2.0



APP-AntarView Pro



Software	AntarVis 2.0
Synchronously Playing	Up to 64-CH playing synchronously
Screen Size	Full screen / 4:3 / 16:9
Channel	Support up to 256 cameras
Protocol	ZKTeco / ONVIF
Video Compression	H.265 / H.264
Audio Compression	G.711a
Video Resolution	8MP / 6MP / 5M / 4MP / 3MP / 3MP / 1080P / UXGA / 720P / D1 / VGA / CIF / QCIF
Recording Mode	Scheduled / Event Alarm
Search Type	Normal / Motion / Alarm / Intelligent
Playback Channel	Support 9-CH synchronized playback
Alarm Type	Alarm In / Motion detection / Tampering / Video Loss / Intrusion alarm / Object alarm / Tripwire alarm / Counting alarm
Alarm Action	Capture / PTZ / eMap / Record / Pop Image / TV Wall
Language	Chinese Simplified / English / Spanish
OS	Windows7 / 8 / 10

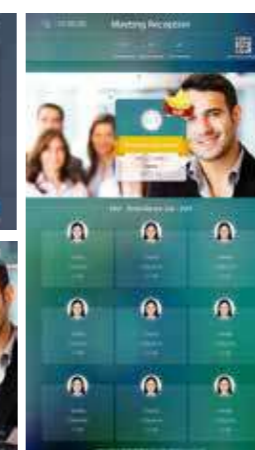
APP	AntaView Pro
Supported Devices	ZK 8000 Series IPC / NVR / XVR
Add Device Method	Serial Number / QR Code
Features	Remote Config / ZK Private Cloud
Compression Format	H.265 / H.264
Display Resolution	Standard Definition/High Definition (Up to the network condition)
Video Display Split	1 / 4 / 9 / 16
Function	UTC, PTZ, Snapshot, Record, Audio, Fast / Slow play
Alarm Push Type	Motion Detection, Alarm In, Video Lost, Video Mask, Disk Full, Disk Error, Illegal Access, Network Disconnect, IP Conflict, Intrusion, Object Detection, Sound Detection, Face Detection, Fire Detection, VQD, High Temperature, Low Temperature, Video Loss, Scene Change
OS	Android & IOS
CPU	1G HZ and above
RAM	2GB and above

BioArgus

- Face Capacity: 10000
- Attendance Record Capacity: 100000
- ROM: 32GB
- RAM: 4GB
- Operation System: Android 7.1.2
- Communication: WIFI, Bluetooth, USB, TCP/IP
- Multi-language (English, Thai, Spanish, Korean, Arabic, Indonesian, Russian, Turkish, Japanese, Portuguese)
- Multiple person verification
- Fast verification recognition distance of 1-5meters, simultaneous dynamic recognition of 3-5 people
- Support as many as 10,000 facial templates and 100,000 attendance records
- Dynamic advertisement display
- Support TCP/IP,WIFI, USB Host, Blue-tooth
- Support time attendance mode, visitor management mode, cartoon mode, meeting room management mode and so on



Attendance model



The visitor model



The meeting model



The meeting model



Children's model



Project Products

ZKTeco has developed professional industry solutions for different industries' properties.

Access Control-Standalone



»» ProCapture-WP (F02010538)



- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 10,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input/Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels/Group/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Fingerprint Card (Optional), IP65, PIV FP Sensor SilkID (Optional)
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.30x96.80x35.00 mm, Working Temperature: -10 °C ~ 50 °C



»» ProRF (F02020088)

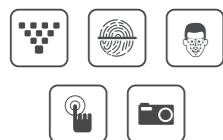


- **Card Capacity:** 60000 (standard)/100,000 (Optional)
- **Transactions Capacity:** 600,000
- **Communication:** TCP/IP, RS485, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1GHz CPU, Memory 64MB RAM/128MB Flash, Beeper & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels/Groups/Holidays, Anti-Passback
- **Working Temperature:** -20 °C ~ 65 °C
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 Slave Reader, ZKBioSecurity Software,
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.3*96.8*35 mm
- **Special Functions:** IP67

Access Control-Multi-Biometric



»» ProBio (F02040001)



- **Display:** 2.8 Inches TFT LCD Screen
- **Card Type:** 125KHz EM Reader/MF Card (Optional)
- **Card Capacity:** 10,000
- **FingerPrint Capacity:** 4,000
- **Face Capacity:** 2,000
- **Transactions Capacity:** 100,000
- **User Photos:** 4,000
- **Event Photos:** 2,000
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, 120° Wide Angle Camera
- **Standard Functions:** Access Levels/Groups/Holiday, DST/Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/Output, Security Relay Box
- **Special Functions:** Multiple Verification Modes, Event Snapshot, User Photo (Optional)
- **Compatibility:** Wiegand Slave Reader, ZKBioSecurity Software, RS485 Card Slave Reader (Optional)
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA,
- **Dimensions:** 190.8 × 85 × 103 mm

Access Control-NFC&BLE



»» ProRF-T (F02020016)



- **Display:** 2.4 inches TFT LCD Screen
- **Card Capacity:** 50,000
- **User Photos:** 3,000
- **Event Photos:** 7,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input / Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels/Group/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Event Snapshot User Photo (Optional)
- **Multi RFID Car:** NFC&BLE, 125kHz EM, HID Prox & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR/Seos
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 195.5 × 87 × 35 mm, Working Temperature: -10 °C ~ 50 °C

Access Control-FingerPrint & Vein



»» inPulse+ (F02050008)



- **Display:** 2.8 Inches TFT-LCD Touch Screen
- **Fingerprints Capacity:** 1,500
- **Fingerprints Veins:** 1,500
- **Card Capacity:** 2,000
- **Transaction:** 100,000
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional)
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/256MB Flash, ZK Fingerprint Sensor, 125KHz EM Reader/MF Card (Optional), Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels/Groups/Holidays, DST/Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Additional Info:** Working Temperature: -10 °C ~ 50 °C, Dimensions: 201.7 × 85 × 102.7mm, ZKVein v3.0 & ZKFinger v10.0 Algorithms
- **Compatibility:** Wiegand Slave Reader, ZKBioSecurity Software
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Communication:** TCP/IP, USB Host, Wiegand Input/Output, Security Relay Box



Access Control-Fingerprint



ProCapture-X
(F01010221)



- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 50,000
- **Transaction:** 500,000
- **Additional Info:** Working Temperature: 0 °C ~ 50 °C, Dimensions: 200.5 × 88.5 × 28.7 mm, Fingerprint Algorithm ZKFinger v10.0
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/Output, Security Relay Box, WIFI (Optional)
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/256MB Flash, SilkiD Fingerprint Sensor, 125KHz EM Reader/MF Card (Optional), Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, POE (Standard IEEE 802.3at), Wireless doorbell (Optional)
- **Standard Functions:** Access Levels/Groups/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, ZK Encrypted Card (Optional), Fingerprint Card

Access Control-Control Panels

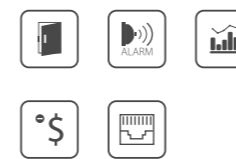


Atlas Series

- State of the art 1, 2 and 4 door panels with built-in web application eliminates the need for management software with networked Primary/Secondary Panel configuration
- Primary/Secondary architecture allows scaling up to 84 doors
- Atlas Bio Series supports ZKTeco FR1500A fingerprint readers. Atlas additionally supports any 3rd-party readers which support Wiegand or OSDP communication with virtually any bit format to suit any project and size
- Capacity to store 5000 card holders and 100,000 transactions plus unlimited archive downloads.
- Built in POE and WiFi capability
- Mobile App available for IOS and Android platform
- No software required. Built-in Web Application provides advanced access control features including User Enrollment & Management, Door Control & Monitoring, Lockdown, Reporting, Maps, Anti-Passback, First-Card Opening, Multi-Card Opening, Card Design and Duress PINs.



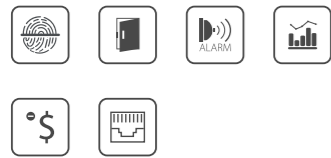
Model	inBio160 Pro (F02060050)	inBio 260 Pro (F02060057)	inBio 460 Pro (F02060068)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	4 (2 RS-485 Readers, 2 Wiegand readers)	8 (4 RS-485 Readers, 4 Wiegand readers)	12 (8 RS-485 Readers, 4 Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3(Exit Button and Door Status, 1 AUX)	6(2 Exit Button and 2 Door Status, 2 AUX)	12(4 Exit Button and 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Card Holders Capacity	30,000		
Fingerprint Capacity	3,000 (optional 20,000)		
Log Events Capacity	100,000		
Communication	TCP/IP		
Hardware	32 bit 400MHz CPU, 32MB RAM, 128MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	350(L)×90(H)×300(W)mm		



Model	C55-100 Pro (F02060242)	C55 200 Pro (F02060242)	C55 400 Pro (F02060242)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	C55-100: 4 (2 RS-485 Readers, 2 26-bit Wiegand readers)	C55-200: 8 (4 RS-485 Readers, 4 26-bit Wiegand readers)	C55-400: 12 (8 RS-485 Readers, 4 26-bit Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3 (Exit Button and Door Status, 1 AUX)	5 (1 Exit Button and 2 Door Status, 1 AUX)	9 (1 Exit Button and 4 Door Status, 1 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)	3 (2-Form C Relay for Lock and 1 Form C Relay for Aux Output)	5 (4-Form C Relay for Lock and 1 Form C Relay for Aux Output)



Model	C55-100 Pro (F02060242)	C55 200 Pro (F02060242)	C55 400 Pro (F02060242)
Card Holders Capacity	200,000 (Optional: 500,000)		
Log Events Capacity	1,000,000		
Communication	TCP/IP POW/WIFI (Optional)		
Hardware	Quad-core High Speed CPU, Memory 1G RAM / 512MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	355.20x308.25x63.80mm		



Model	InBio5S-160 Pro (F02060245)	InBio5S-260 Pro (F02060246)	InBio5S-460 Pro (F02060247)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	4 (2 RS-485 Readers, 2 26-bit Wiegand readers)	8 (4 RS-485 Readers, 4 26-bit Wiegand readers)	12 (8 RS-485 Readers, 4 26-bit Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3 (Exit Button and Door Status, 1 AUX)	5 (1 Exit Button and 2 Door Status, 1 AUX)	9 (1 Exit Button and 4 Door Status, 1 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	3 (2-Form C Relay for Lock and 1-Form C Relay for Aux Output)	5 (4-Form C Relay for Lock and 1-Form C Relay for Aux Output)
Card Holders Capacity	100,000		
Fingerprint Capacity	30,000 (optional 100,000)		
Log Events Capacity	1,000,000		
Communication	TCP/IP POE/WIFI (Optional)		
Hardware	Quad-core High Speed CPU, Memory 1G RAM / 512MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	355.20x308.25x63.80mm		

Access Control-Readers



Model	ProID10	ProID20	ProID30	ProID40
Card Type	125KHz EM, 13.56MHz MF Card, DESFire, FeliCa or Legic.			
Read Range	EM/IC Card 3.5cm			
LED	Pulsing White Standby Light, Red and Green LEDs			
Hardware	Beep	Beep, Touch Keypad		Beep
Material	ABS+PC			
Output Format	Wiegand 26bit or 34bit Adjustable			
Input Port	External LED Control, External Buzzer Control			
Index Protection	IP65			
Power	Operating Voltage 7~13V DC, Current Draw < 80mA			
Operating Temperature	-20 °C ~ 65 °C			
Dimensions	80.5 × 44 × 15mm	90 × 90 × 16mm		116 × 75 × 15mm

Time Attendance Terminal-FP T&A and A&C Devices



>>> G2 (F01020074)



- **Display:** 3.5 Inches TFT-LCD Screen
- **Fingerprint Capacity:** 20,000 (Standard), 50,000 (Optional)
- **ID Card Capacity:** 20,000
- **Logs Capacity:** 200,000
- **Sensor:** SilkID Fingerprint Sensor
- **CPU:** 1.2GHz
- **Memory:** 128MB RAM/256MB Flash
- **Communication:** TCP/IP, USB Host/ Client, Wiegand Input/Output
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** Work Code/WDMS, DST/SMS/Bell Schedule, Attendance Status Auto-Switch, Record Query/Photo ID, Camera, Anti-Passback, Custom Wallpaper & Screen Saver, ID Card Reader, electric lock, door sensor, exit button, alarm and doorbell
- **Optional Functions:** HID Proxy/MF Card, External Printer, Wi-Fi/3G
- **Software:** ZKTime.Web, ZKTime.Net 3.0, ZKAccess 3.5, WDMS
- **Dimensions:** 206.0 × 153.0 × 42.9 mm



Time Attendance Terminal Facial & FP & Palm T&A and A&C Devices



»» G3 Pro (F01070162)



- **Display:** 4.3 Inches Touch Screen
- **Face Capacity:** 12,000
- **Palm Capacity:** 6,000
- **FP Capacity:** 20,000
- **User / Cards capacity:** 20,000
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP,USB Host, Wiegand output
- **Standard Functions:** ID Card / Work Code / WDMS / DST / SMS / Bell Schedule / Attendance Status Auto-Switch/ Record Query / Photo ID / Custom Wallpaper & Screen Saver
- **Dimensions:** 199.2 × 171.8 × 96.9 mm
- **Access Control Interface:** Lock Relay Output,Alarm Output,Exit Button ,Door Sensor,External Bell
- **Special Functions:** Multiple Biometric Verification Modes, Alive Face / Palm Detection, Duplicate Face / Palm Detection
- **Optional Functions:** HID Proxy / Mifare Card Reader / Wi-Fi / 3G / External Printer / Battery (2,000 mAH) / POE(Standard IEEE 802.3at)
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Supported Softwares:** BioTime8.0 / ZKBioSecurity(T&A)

Time Attendance Terminal-Palm&FP T&A Devices



»» P160 (F01010581)

- **Display:** 2.8-inch TFT color Display
- **Palm Capacity:** 1,000
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Memory:** Quad-core High Speed CPU, Memory 1G RAM/512MB Flash
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled Bell and SMS, Exit Button, Door Lock, Alarm,12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT
- **Optional Functions:** ID Card, MF Card, Access Control Module: AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN; AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT. PoE, 3G, Battery Module
- **Sensor:** BioID Sensor
- **Communication:** TCP/IP, USB, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5 mm

Time Attendance Terminal-Facial&FP T&A and A&C Devices



»» G3 Plus (F01090158)



- **Display:** 4.3 Inches TFT-LCD Screen
- **Face Capacity:** 3,000 (1:N)/4,000 (1:1)
- **Fingerprint Capacity:** 5,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Memory:** 128MB RAM/256MB Flash
- **Dimensions:** 199.2 × 171.8 × 96.9 mm
- **Sensor:** SilkID Fingerprint Sensor 168 Infrared Sensors
- **Operating Illumination:** 0~60,000 Lux
- **Optional Functions:** HID Proxy/MF Card, External Printer, Wi-Fi/3G, Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Algorithms:** ZKFace v9.0 & ZKFinger v10.0 Algorithms
- **CPU:** 1.2GHz
- **Communication:** TCP/IP, USB Host/Client, Wiegand Output
- **Standard Functions:** Work Code/WDMS, DST/SMS/Bell Schedule, Attendance Status Auto-Switch, Record Query/Photo ID, Custom Wallpaper & Screen Saver, ID Card Reader, electric lock, door sensor, exit button, alarm and doorbell



Standalone Terminal-Visible Light Face Verification



»» SpeedFace-H5L (F02040021)

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, WiFi (Optional), Wiegand input / output, RS485
- **Standard Functions:** ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes. Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 13.56MHz IC Card (MF)
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access



Model	ProFace X (F02030136) ProFace X[CH] (F02030137)	ProFace X[P] (F02030194) ProFace X[CH/P] (F02030198)	ProFace X[TD] (F02030190) ProFace X[CH/TD] (F02030192)
Display	8" Touch Screen		
Face Capacity	30,000(1:N) / 50,000(Optional)		
Palm Capacity	/	5,000	
Card Capacity	50,000		/
Logs Capacity	1,000,000, 2,000,000(Optional)		
Communication	TCP/IP, Wiegand Input / Output, WiFi (Optional), RS232 / RS485		
Standard Functions	Access Levels, Groups, Holidays, DST, Duress Mode(Password), Record Query, Anti-Passback, Record Query, Custom Wallpaper&Screen Saver, Tamper Switch Alarm		
Access Control Interface	Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor		
Special Functions	IP68 & IK04 0.3s High Speed Face Verification Live Face detection HTTPS Communication Encryption (Optional) Event Snapshot		
Optional Functions	Mifare Card		/
Preventative Measures	/	Mask detection	
	/	Body temperature detection (ProFace X[TD] only) Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft) Temperature Measurement Accuracy: ±0.3°C Temperature Measurement Range: 34 ~ 45°C	
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0		
Power Supply	12V 3A		
Operating Temperature	-30°C ~ 60°C		
Operating Humidity	≤93%		
Operating System	Linux		
Supported Softwares	ZKBioAccess, ZKBioSecurity		



Model	SpeedFace-V5L (F02040025)	SpeedFace-V5L[P] (F02040053)	SpeedFace-V5L[TD] (F02040051)
Display	5-inch Touch Screen		
Face Capacity	6,000		
Palm Capacity	/	3,000	
Fingerprint Capacity	6,000 (Standard); 10,000 (Optional)		
Card Capacity	10,000		
Logs Capacity	200,000		
Communication	TCP/IP, WiFi (Optional), Wiegand input / output, RS485		
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes		
Optional Functions	13.56MHz IC Card (MF)		/
Preventative Measures	/	Mask detection	
	/	Body temperature detection (SpeedFace-V5L[TD] only) Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft) Temperature Measurement Accuracy: ±0.3°C Temperature Measurement Range: 34 ~ 45°C	
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0		
Power Supply	12V 3A		
Operating Temperature	-10 °C ~ 45 °C		
Operating Humidity	10%-90%		
Operating System	Linux		
Supported Softwares	ZKBioAccess		



»» FaceDepot-7BL
(F02040029)

- **Display:** 7-Inch Touch LCD Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, Wiegand Input / Output,WiFi (Optional), RS485
- **Standard Functions:** ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti_x005fpassback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 125KHz ID card (EM) /13.56MHz IC card (MF), Fingerprint
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access



»» G4L (F01090221)

- **Display:** 7-Inch Touch Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 1,000,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, Wiegand Input / Output,WiFi (Optional), RS485
- **Standard Functions:** Automatic Status Switch,Work Code, DST, Self Service Query, Schedule-bell, ADMS,Photo ID.
Access Control Interface for Lock Relay Output / Alarm Output / Exit Button / Door Sensor
- **Facial Recongntion Speed:** ≤0.5s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** ≤90%
- **Operating System:** Linux
- **Supported Softwares:** BioTime 8.0



»» MB560-VL
(F01080085)

- **Display:** 2.8-Inch TFT Screen
- **Face Capacity:** 3,000
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, WiFi, Optional, USB Host
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Verify Modes,ADMS.
Access Control Interface for 3rd Party Electric Lock, Door Sensor and Eixt Button
- **Optional Functions:** 125KHz ID Card/13.56MHz Mifare Card
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** BioTime 8.0



Elite Access
(F01080092)



Elite Pass
(F02030147)

»» Elite Series

- **Display:** 8" Hight Light IPS Touch LCD
- **Face Capacity:** 30000(1:N) / 50000(Optional)
- **User / Cards Capacity:** 50,000
- **Logs Capacity:** 1,000,000
- **Communication:** 200,000
- **Communication:** TCP / IP, Wiegand Input / Output,WiFi (Optional), RS232 / RS485
- **Standard Functions:** Access Levels, Groups, Holidays, DST / Duress Mode, Anti-Passback / Record Query, Custom Wallpaper & Screen / Saver, Tamper Switch Alarm
- **Access Control Interface:** Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor
- **Special Functions:** IP68 & IK04; 0.3s Hight Speed Face Verification; Anti-Spoofing algorithm against print/videos and 3D mask attack
- **Optional Functions:** Mifare Card
- **Power Supply:** Operating Voltage 12V DC / Current Draw < 2,000 mA
- **Operating Temperature:** -30°C - 60°C
- **Operating Humidity:** ≤93%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access, ZKBioSecurity



Model	Horus E1 (F01060795)	Horus E1-RFID (F01070145)	Horus E1-FP (F01070156)
LCD	5-inch,smartphone grade IPS touch LCD monitor		
Android Version	Android 8.1		
Memory	RAM 2GB / ROM 16GB		
Camera	2MP Dual Camera		
Verification Mode	Face	Face + RFID	Face + Fingerprint + RFID
Fingerprint Capacity	/	/	6,000 / 10,000 (optional)
RFID capacity	/	10,000	
Communication	4G,WiFi,Bluetooth,USB OTG,RS485,TCP/IP		
Optional Functions	Built in PIR,sperker,microphone,GPS and A-GPS, Security relay box for advance access control		
Power Supply	12V 2A		
Operating Temperature	-10 °C ~ 50 °C		
Operating Humidity	20%-80%		
Dimensions	158 * 74 * 15.6mm	205.33 * 74 * 17.7 mm	



»» G4 (F01090201)

- **Display:** 7 Inches TFT-LCD Touch Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000
- **MF Card Capacity:** 10,000
- **Logs Capacity:** 1,000,000
- **Sensor:** SilkID Fingerprint Sensor
- **CPU:** High Performance Android Industrial CPU
- **Memory:** 2G RAM/16G ROM
- **Software:** BioTime8.0/ZKBioSecurity 3.0 (Time Attendance)
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** <90%
- **Dimensions:** 264*120*51 mm
- **Communication:** TCP/IP, USB Host, Wiegand Input, Wiegand Output
- **Standard Functions:** Work Code/ADMS/DST/Bell Schedule/ Attendance Status Auto-Switch/Record Query/Photo ID



»» FaceDepot-7A

- **Display:** 7-inch Screen With Impact-resistant Glass Cover
- **Face Capacity:** 10,000 (1:N)
- **Distance Detector:** 50cm ~ 150cm
- **Card Capacity:** 10,000 (Optional) ID or MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback, Barrier Control
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -30 °C- 60 °C
- **Operating Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess, ZKBioSecurity



»» FaceDepot-7B

- **Display:** 7-inch Screen
- **Face Capacity:** 10,000(1:N)
- **Verify Distance:** 30cm ~ 300cm
- **FP Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional) ID or MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 (Optional) & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback, Barrier Control
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C- 45 °C
- **Waterproof:** IP65
- **SDK:** Push SDK
- **Software:** ZKBioAccess, ZKBioSecurity



Access Control-Multi-purpose Integration Product



»» SpeedFace-V5

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000 (1:N)
- **Verify Distance:** 30cm ~ 300cm
- **FP Capacity:** 10,000
- **Card Capacity:** 10,000 (Optional) MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C- 45 °C
- **Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess



»» SpeedFace-H5

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000 (1:N)
- **Verify Distance:** 30 cm ~ 300 cm
- **FP Capacity:** 10,000
- **Card Capacity:** 10,000 (Optional) ID/MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C- 45 °C
- **Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess



»» FaceKoisk-V43 (X02401009)

- **Display:** 43-inch touch screen
- **Face Capacity:** 10,000
- **Attendance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%



»» FaceKiosk-H13A (F02040009)

- **Display:** 13.3-inch touch screen
- **Face Capacity:** 10,000
- **Attendance Record Capacity:** 100,000
- **Communication:** TCP/IP, Wiegand
- **ROM:** 16GB
- **RAM:** DDR3 2GB
- **Operation System:** Android 5.1.1
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%



»» FaceKoisk-V32 (X02401012)

- **Display:** 32-inch touch screen
- **Face Capacity:** 10,000
- **Attendance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%



»» FaceKoisk-H32 (X02401011)

- Display: 32-inch touch screen
- Face Capacity: 10,000
- Attendance Record Capacity: 100,000
- Communication: TCP/IP, WIFI, USB Host
- ROM: 32GB
- RAM: DDR3 4GB
- Operation System: Android 7.1.2
- Power Supply: AC 110 ~ 240V
- Operating Temperature: -10 °C- 50 °C
- Operating Humidity: 10%-98%



»» FaceKoisk-H21 (X02401013)

- Display: 21.5-inch touch screen
- Face Capacity: 10,000
- Attendance Record Capacity: 100,000
- Communication: TCP/IP, WIFI, USB Host
- ROM: 32GB
- RAM: DDR3 4GB
- Operation System: Android 7.1.2
- Power Supply: AC 110 ~ 240V
- Operating Temperature: -10 °C- 50 °C
- Operating Humidity: 10%-98%



»» FaceKiosk-H13C (F02040011)

- Display: 13.3-inch touch screen
- Face Capacity: 10,000
- Attendance Record Capacity: 100,000
- Communication: TCP/IP, WIFI, USB Host
- ROM: 16GB
- RAM: DDR3 2GB
- Operation System: Android 5.1.1
- Power Supply: 12V 3A
- Operating Temperature: 0 °C- 50 °C
- Operating Humidity: < 90%



»» FaceKiosk-V32T (X00207009)

- Display: 32-inch touch screen
- Face Capacity: 10,000
- Attendance Record Capacity: 100,000
- Communication: TCP/IP, WIFI, USB Host
- ROM: 32GB
- RAM: DDR3 4GB
- Operation System: Android 7.1.2
- Power Supply: AC 110 ~ 240V
- Operating Temperature: -10 °C- 50 °C
- Operating Humidity: 10%-98%



»» FI710 (F04150012)

- Image Sensor: 1/1.8" 2-megapixel progressive scanning CMOS
- Effective Image Size: 1920*1080
- Minimum illumination: 0.0001LUX@F1.0
- Day & Night: Automatic/color/black-and-white (ICR infrared cut-off filter)
- Wide Dynamic Range: 120dB
- Power Supply: DC12V±20%
- Coding Type: H.265 : MP, H.264: HP/MP/LP
- Network Protocol: TCP/IP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,802.1X, IPv6
- Focus: 16-70mm / 4-18mm
- Maximum Aperture: F1.4 / F1.6



»» BioServer-N2 (F04150007)

- Network Interface: 1* gigabit ethernet port
- RAM: 8GB
- Flash: 32GB
- Power: DC 12V; AC 100-240V
- Operating System: Linux
- Maximum Storage: 30,000 facial templates
- Recognition Speed: 50 pictures / second
- Maximum Number of Detected Faces Per Frame: 20
- Maximum Number of Recognized Faces Per Frame: 8
- Facial Recognition Accuracy Rate: 98.5%



»» BioServer Pro 2 (F04150008)

- Form Factor: 2U rack server
- CPU: Intel E5-2600 series *2
- GPU: GPU card *1
- RAM: 32GB
- Network Interface: 2* gigabit ethernet port (RJ45)
- Power: 1+1 redundant power system
- Operating System: CentOS 7.2
- Total target Capacity: 1,000,000 templates
- Single Target Library Capacity: Maximum 200,000 templates
- Number of Target Libraries: Maximum 200



Time Attendance

ZKTeco's time & attendance series includes cutting-edge hybrid biometric verification technology products and solutions. It provides a full range of solutions including various fingerprints, RFID, facial identification and palm verifications, time clocks, portable time clocks, time and attendance management software and more.

It meets the demand of almost all the companies in any size.

Please contact us for order placement.



Facial & FP T&A and A&C Devices



»» uFace202
(F01090086)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, RS232/485, USB Host
- **Optional Functions:** ID/Mifare Cards, ADMS, 3G, WiFi, Backup Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.7*164.5*112.5mm (L*W*T)
- **Optional Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Modes
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm



»» uFace302
(F01090091)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, RS485, USB Host
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID/Mifare Cards, ADMS, 3G, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Mode
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm



»» uFace402
(F01090097)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, USB Host
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86 mm (L*W*T)
- **Optional Functions:** ID/Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Mode
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, USB Host, WiFi (optional)
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Mode
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP / IP, USB Host
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Mode
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Operating illumination:** 0~1,200 Lux
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 195.5*166.5*120 mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Mode
- **Standard Functions:** Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm



»» uFace602
(F01090103)



»» uFace800
(F01090107)



»» SFace900
(F01090124)



- **Display:** 2.8-inch TFT Screen
- **Face Capacity:** 2,000 (1:N)
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host
- **Standard Functions:** Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Backup Battery, Multiple Verify Mode, External Bell. Access Control Interface for Lock, Door Sensor, Exit Button, Alarm Wiegand Signal: Wiegand Out
- **Optional Functions:** ID / Mifare / Felica Cards, ADMS, External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 173.0x159.0x36.1mm (L*W*T)



»» **SilkBio-100TC**
(F01010662)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 2,000 (1:N)
- **Face Capacity:** 3,000
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host, Wi-Fi (Optional)
- **Standard Functions:** Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Built-in Battery, Multiple Verify Mode, Access Control Interface for Lock, Door Sensor, Exit Button, Alarm
- **Optional Functions:** ID/Mifare/Felica Cards, ADMS, External Bell / Printer, WiFi
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 180 x 154 x 34.2 mm (L*W*T)



»» **SilkBio-101TC**
(F01090082)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB host, WiFi (Optional)
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:** ID / Mifare card, Work Code, ADMS



»» **MB160**
(F01090074)



»» **MB360**
(F01090077)



»» **MB460**
(F01090120)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB-host, WiFi (Optional)
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/Mifare card, Work Code, ADMS
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB host, WiFi (Optional)
- **Operating Temperature:** 0 °C- 45°C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:** ID / Mifare card, Work Code, ADMS, 3G, GPRS, Battery

» FP T&A Devices

- **Display:** 3.5-inch TFT Screen
- **Fingerprint Capacity:** 5,000 (Standard) / 10,000 (Optional)
- **ID Card Capacity:** 50,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Automatic Status Switch, Photo ID, ADMS, Backup Battery, ID Card
- **Optional Functions:** MiFare / HID Cards, Wi-Fi, GPRS, 3G
* IP65 rated waterproof and dustproof protection grade
* Shockproof (0.5m above the ground)
* Rubber coated protection
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 225*235*125 mm (L*W*T)



»» **S922**

- **Display:** 2.8-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB Host/Client (Optional)
- **Standard Functions:** Webserver, Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID, Photo ID
- **Optional Functions:** ID / Mifare / HID Cards, Wi-Fi, ADMS, External Bell/Printer
- **Power Supply:** 5V 0.8A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 192.0*140.0*42.5 mm (L*W*T)



»» **SilkFP-101TA**



»» Zpad plus
(F01020340)

- **Display:** 7-Inch Touch Screen
- **Fingerprint Capacity:** 6,000
- **ID Card Capacity:** 10,000 (Optional)
- **Optional Card:** ID / MF / HID OMNIKEY 5127
- **Logs Capacity:** 1,000,000
- **Communication:** TCP / IP, Wi-Fi, USB OTG, Bluetooth
- **Sensor:** SilkID Fingerprint Sensor
- **Battery:** 4000mAh
- **Standard Functions:** 1ch Relay, 1ch input Microphone & speaker
- **SDK Features:** Realy switching, Exit button controler; RFID card read and write; Fingerprint enrollment and authentication
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%- 80%
- **Power Supply:** 12V 1.5A



»» Zpad plus-RFID
(F01020361)

- **Display:** 7-Inch Touch Screen
- **Memory:** 1G RAM / 8G Flash
- **ID Card Capacity:** 10,000 (Optional)
- **Optional Card:** MF/HID OMNIKEY 5127
- **Logs Capacity:** 1,000,000
- **Communication:** TCP/IP, Wi-Fi, USB OTG, Bluetooth 4.0
- **Battery:** 4000mAh
- **Standard Functions:** 1ch Relay, 1ch input Microphone & speaker
- **SDK Features:** Realy switching, Exit button controler; RFID card read and authentication
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%- 80%
- **Power Supply:** 12V 1.5A



»» K14 (F01010490)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 3,000
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** Work Code, Short Message, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input
- **Optional Functions:** MF Card, SSR
- **Power Supply:** 5V 800mA
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» LX50 (F01010549)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 500 (max:1000)
- **Logs Capacity:** 50,000
- **Communication:** USB Host and Client (Optional)
- **Standard Functions:** DST,Self Service Query,9 Digit User ID, Automatic Status Switch,Schedule-bell,T9 Input,SSR Report
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



Model	LX14 (F01010541)	LX15 (F01010542)	LX16 (F01010543)	LX17 (F01010544)
Display	2.8-Inch TFT Color Screen			
Fingerprint Capacity	500			
Logs Capacity	50,000			
Sensor	ZK Optical Sensor			
Communication	USB Host and Client(Optional)			
Standard Functions	DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report			
Power Supply	5V 800mA			
Operating Environment	0°C- 45°C; 20%-80%			

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Work Code,DST,Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch,RS232 Printer
- **Optional Functions:** ID / MF / HID card, ADMS, Built-in Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Environment:** 20%-80%



»» LP400 (F01010520)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, WiFi, ADMS,Photo ID, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» U160-C (F01011414)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID/MF/HID card, ADMS, Photo ID, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» U260-C (F01011415)



- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, Webserver, ADMS, Photo ID, Multiple Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» U300-C (F01011413)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, WiFi, ADMS, Multiple Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» U560-C (F01011448)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Built-in Battery
- **Optional Functions:** ID / MF / HID card, Webserver, ADMS, WiFi, 3G, External Bell, Schedule-bell, Multiple Verify Mode, T9 Input
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» IN01 (F01011367)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch, Built-in Battery
- **Optional Functions:** ID / MF / HID card, ADMS, WiFi, 3G, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» IN02 (F01011368)



Model	UA100 (F01010881)	UA200 (F01011422)	UA300 (F01011399)	UA400 (F01011417)
Display	3" Color Display	3" Color Display	3" Color Display	3" Color Display
Fingerprint Capacity	3000	3,000	3,000	3,000
ID Card Capacity	30,000 (Optional)	30,000 (Optional)	10,000 (Optional)	10,000 (Optional)
Logs Capacity	100,000	100,000	100,000	100,000
Communication	TCP / IP, USB Host & client (Optional)			
Standard Functions	Webserver, Work Code, DST, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch			
Optional Functions	ID / MF / HID card, ADMS, Photo ID, External Bell and Printer			ID / MF card, ADMS, Multiple Verify Mode, External Printer and Bell
Power Supply	5V 800mA	5V 800mA	5V 800mA	5V 800mA
Operating Temperature	0°C- 45°C	0°C- 45°C	0°C- 45°C	0°C- 45°C
Operating Humidity	20%-80%	20%-80%	20%-80%	20%-80%

- **Display:** 3" Color Display
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** ID Card, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** MF / HID Card, Wi-Fi, Webserver, ADMS, Photo ID, External Printer and Bell, Multiple Verify Modes
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» S160-C (F01030224)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, RS232, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Photo ID, Schedule-bell, Automatic Status Switch, External Printer
- **Optional Functions:** MF Card, Wi-Fi, ADMS, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» US15C (F01010919)



»» iClock260
(F01011411)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card, Webserver, WiFi, ADMS, Multiple Verify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» iClock360
(F01011412)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card, Webserver, WiFi, ADMS, Multiple Verify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» iClock460
(F01020370)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card, WiFi, Webserver, ADMS, Multiple Verify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» iClock660
(F01020324)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, RS232 / 485, USB Host & client (Optional)
- **Standard Functions:** DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID, Camera
- **Optional Functions:** Work Code, ID / MF / HID Card, WiFi, 3G, Webserver, ADMS, Multiple Verify Mode, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» WL10 (F01010969)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» WL20 (F01010970)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000/1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» WL30 (F01010971)

- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, Wi-Fi, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer(Optional Cable)
- **Optional Functions:** ID / Mifare Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C- 45°C;
- **Operating Humidity:** 20%-80%



»» UA760 (F01010584)



- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, Wi-Fi, USB (host)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer (Optional Cable)
- **Optional Functions:** ID / Mifare Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» UA860 (F01010587)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, RS232 / 485, USB Host, Wiegand Out & In
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback, Backup Battery
- **Optional Functions:** MF Card, Wi-Fi, GPRS, ADMS, External Printer, Camera, Multiple Verify Mode
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6*150*41.6mm (L*W*T)
- **Package Weight:** 1.40 kg



»» iClock990 (F01020332)

» FP T&A and A&C Devices

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host / Client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback
- **Optional Functions:** ID / MF / HID Cards, Wi-Fi, GPRS, Webserver, ADMS, Multiple Verify Mode, External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6x150x41.6mm



»» iClock480 (F01020379)

- **Display:** 3-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled-bell and SMS, Battery, Wi-Fi, External Printer
- **Optional Functions:** ID Card, Mifare Card, HID Card, PoE, 3G
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5 mm (L*W*T)



»» IN05 (F01011177)
IN05-A(F01011180)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host / Client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback
- **Optional Functions:** ID / MiFare / HID Cards, Wi-Fi, Webserver, ADMS, Multiple Verify Mode, External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6*150*41.6 mm (L*W*T)



»» iClock580 (F01020364)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, ADMS, Photo ID, Multiple Verify Modes, External Bell or Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%



»» B3-C (F02010676)



Model	K20 (F01020227)	K40 (F01020232)
Display	2.8-Inch TFT Color Screen	2.8-Inch TFT Color Screen
Fingerprint Capacity	3,000	3,000
ID Card Capacity	3,000 (Optional)	3,000 (Optional)
Logs Capacity	100,000	100,000
Communication	TCP / IP, USB Host	TCP / IP, USB Host
Standard Functions	Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, Multiple Verify Mode, Simple Access Control, Backup Battery	Work Code, SMS, DST, Self-Service Query, Automatic Status Switch, Scheduled-bell, T9 Input, 9 Digit User ID, Backup Battery, Simple Access Control
Optional Functions	ID Card, External Bell, SSR	ID / MF card, SSR, External Bell
Power Supply	12V 3A	12V 1.5A
Operating Temperature	0°C- 45°C	0°C- 45°C
Operating Humidity	/	20%-80%

- Display: 3" Color Display
- Fingerprint Capacity: 3,000
- ID Card Capacity: 10,000 (Optional)
- Logs Capacity: 100,000
- Communication: TCP / IP, USB Host
- Standard Functions: Work Code, DST, SMS, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Built-in Battery, Multiple Verify Modes
- Optional Functions: ID / MF card, Webserver, ADMS, Photo ID, External Bell and Printer
- Power Supply: 12V 1.5A
- Operating Temperature: 0°C - 45°C
- Operating Humidity: 20%-80%



»» IN03 (F01011481)

- Display: 4.3-Inch TFT Color Screen
- Fingerprint Capacity: 20,000
- ID Card Capacity: 20,000 (Optional)
- Logs Capacity: 200,000
- Communication: TCP / IP, USB-Host
- Standard Functions: Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID
- Optional Functions: ID / Mifare/HID card, WiFi, 3G, ADMS, Backup-Battery
- Power Supply: 12V 3A
- Operating Temperature: 0°C- 45°C
- Operating Humidity: 20%-80%
- Dimensions: 205*86*45 mm (L*W*T)



»» S1000 (F01010610)

▾ Facial T & A and A & C Device

- Display: 3" Color Display
- Fingerprint Capacity: 3,000
- ID Card Capacity: 10,000 (Optional)
- Logs Capacity: 100,000
- Communication: TCP / IP, USB Host & Client (Optional), RS232 / 485
- Standard Functions: Work Code, DST, Short Message, Self Service Query, 5 Digit User ID, Multiple Verify Modes, T9 Input, Automatic Status Switch, Backup Battery, Advance Access Control, Wiegand In & Out, Anti-passback
- Optional Functions: ID / MF / HID card, Wi-Fi, 4G, 3G, Webserver, ADMS, Photo ID, External Bell, Schedule-bell
- Power Supply: 12V 3A
- Operating Temperature: 0°C - 45°C
- Operating Humidity: 20%-80%



»» IN01-A (F01020317)

- Display: 3" Color Display
- Fingerprint Capacity: 3,000
- ID Card Capacity: 10,000 (Optional)
- Logs Capacity: 100,000
- Communication: TCP / IP, USB Host & Client (Optional), WiFi (Optional)
- Standard Functions: Webserver, Work Code, DST, Short Message, Self Service Query, Automatic Status Switch, Photo ID, Backup Battery, Advance Access Control, Wiegand In & Out, Anti-passback, Schedule-bell
- Optional Functions: ID / MF / HID Card, 3G, ADMS, External Printer, Multiple Verify Modes, T9 Input
- Power Supply: 12V 3A
- Operating Temperature: 0°C - 45°C
- Operating Humidity: 20%-80%



»» IN02-A (F01020318)

- Display: 2.8-Inch TFT Color Screen
- Face Capacity: 1,500 (1:N)
- ID Card Capacity: 2,000
- Logs Capacity: 100,000
- Communication: TCP / IP, USB-Host
- Standard Functions: SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, External Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- Optional Functions: ID / Mifare card, Work Code, ADMS, WiFi, External Bell
- Power Supply: 12V 1.5A
- Operating Temperature: 0°C- 45°C
- Operating Humidity: 20%-80%



»» KF160 (F01080026)

- Display: 2.8-Inch TFT Color Screen
- Face Capacity: 1,500 (1:N)
- ID Card Capacity: 2,000
- Logs Capacity: 100,000
- Communication: TCP / IP, USB-Host
- Standard Functions: SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, External Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- Optional Functions: ID / Mifare card, Work Code, ADMS, WiFi, External Bell
- Power Supply: 12V 1.5A
- Operating Temperature: 0°C- 45°C
- Operating Humidity: 20%-80%



»» KF460 (F01080044)



Model	VF380 (F01080053)	VF680 (F01080054)	VF780 (F01080055)
Display	2.8" Color Display	2.8" Color Display	2.8" Color Display
Face Capacity	3,000	3,000	3,000
ID Card Capacity	50000 / 100,000 (Optional)	50000 / 100,000 (Optional)	50000 / 100,000 (Optional)
Logs Capacity	100,000	100,000	100,000
Communication	TCP / IP, USB Host	TCP / IP, USB Host	TCP / IP, USB Host
Standard Functions	ID Card, Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button	ID Card, Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button	Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button
Optional Functions	ADMS, MF Card, WiFi	ADMS, MF Card, WiFi	ADMS, MF Card, WiFi
Power Supply	12V 1.5A	12V 1.5A	12V 1.5A
Operating Temperature	0 °C- 45°C	0 °C- 45°C	0 °C- 45°C
Operating Humidity	20%-80%	20%-80%	20%-80%

RFID T&A Devices

- **Display:** 3.5" Color Display
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, USB Host & Client (Optional)
- **Standard Functions:** ID Card, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID
- **Optional Functions:** Mifare / HID Card, Webserver, ADMS, Multiple Verify Modes, WiFi, External Bell, External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%



»» S500 (F01030232)

Countertop T&A Devices



	D1 (F01011295)	D2 (F01011296)	D1S (F01011381)	D2S (F01011382)
Display	2.8-Inch TFT Color Screen			
User Capacity	1,000		200	
Fingerprint Capacity	1,000		400	
Logs Capacity	5,000		10,000	
Sensor	BioID Sensor			
Communication	USB Host, Wi-Fi (WLAN / Hot spot)		USB (Host & Client)	
Standard Functions	DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report, Built-in battery		DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Built-in battery	
Power Supply	5V 2A			
Operating Temperature	0 °C- 45 °C			
Operating Humidity	20%-80%			
Dimension(mm)	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9

Palm & FP T & A Devices

- **Display:** 2.8-inch TFT color Display
- **Palm Capacity:** 600
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5mm

- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled-bell, SMS, RS232 Printer, AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN
- **Optional Functions:** ID Card, Mifare Card Access Control Module: AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT, PoE, 3G, Battery Module, ADMS



»» P160 (F01010581)

- **Display:** 3-inch TFT color Display
- **Palm Capacity:** 600
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C

- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work T9 Code, Input, 9 Digit User ID, DST, Scheduled-bell and SMS, Battery, WiFi, Anti Passback Advance access: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT
- **Optional Functions:** ID Card, Mifare Card, PoE, 3G
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5mm



»» P260 (F02010572)

Access Control

ZKTeco's access control product line is comprised of IP-based standalone access control devices, networked access control panels, readers and guard patrol and accessories with network-based one-stop access control and T&A software. Thus, ZKTeco provides business partners with one-stop R&D and manufacturing services.





Standalone Terminal-Fingerprint



»» F18 (F02010522)



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 10,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS232/485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out
- **Optional Functions:** ID/MF Card/HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer



»» F21 (F02010120)



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Sensor
- **Communication:** TCP/IP, USB Host, RS232/485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 Fingerprint Reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB, Camera
- **Optional Functions:** ID/MF card, ADMS, Photo ID, Printer, T9 Input
- **Dimensions:** 205*86*45mm (L*W*T)



»» MA300 (F02010331)



- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C- 60 °C
- **Operating Humidity:** 10%-90%
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Wiegand in/Out
- **Optional Functions:** MF Card/HID card, SRB, Multi-verification method
- **Protection Rate:** IP65
- **Dimensions:** 205*86*45mm (L*W*T)
- **Gross Weight:** 1.15kg



»» TF1700 (F02010436)

- **Display:** 128 x 64 OLED
- **Fingerprint Capacity:** 3,000 (8,000 Optional)
- **ID Card Capacity:** 10,000 (30,000 Optional)
- **Logs Capacity:** 50,000 (100,000 Optional)
- **Sensor:** Infrared detection fingerprint sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Environment:** -10 °C- 50 °C;
- **Protection Rate:** IP65
- **Dimensions:** 185*62.5*41.5mm (L*W*H)
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Webserver, SMS, DST, Multi-verification method, Wiegand in/Out
- **Optional Functions:** MF card, SRB, Workcode, Self-Service Query, ADMS

Standalone Terminal-Multi-Biometric



- **Display:** 2.8-inch Touch Screen
- **Face Capacity:** 1,500 (1:N); 4,000 (1:1)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (Optional); ID/MF Card or HID card
- **Transaction Capacity:** 100,000
- **Algorithm Version:** ZKFinger VX10.0 & ZKFace VX7.0
- **Communication:** RS485, TCP/IP, USB-host
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Aux. Input:** 1ea for linkage function
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Standard Function:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell



»» MultiBio 800-H (F02030009)



Control Panel-C3 Series



»» C3-100 (F02060001)



»» C3-200 (F02060009)



»» C3-400 (F02060018)



- **Number of Inputs:** C3-100: 2 (Exit Device and Door Status); C3-200: 6 (2 Exit Device, 2 Door Status, 2 AUX); C3-400: 12 (4 Exit Device, 4 Door Status, 4 AUX)
- **Number of Outputs:** C3-100: 2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output); C3-200: 4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output); C3-400: 8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
- **Weight:** C3-100: 7.4lbs (3.35kg); C3-200: 7.5lbs (3.4kg); C3-400: 7.8lbs (3.55kg)
- **Doors Controlled:** 1 Door/2 Door/4 Door
- **Readers Supported:** 2; 4; 4
- **Card Holders Capacity:** 30,000
- **Log Events Capacity:** 100,000
- **Communication:** TCP/IP, RS232/485
- **Types of Readers:** 26-bit Wiegand, others upon request
- **Mounting:** Wall Mount
- **Power Supply:** 12V DC, 1.5A
- **Enclosure:** Powder Coated Aluminium
- **Dimensions (Bundle Only):** 380*80*280mm (L*W*H)
- **Dimensions (Board Only):** 160*106mm

Reader-Fingerprint



»» FR1500-WP (F06010011)



- **Sensor:** BioID, SilkID (Optional)
- **Algorithm:** ZKFinger v10.0
- **Standard Function:** ID Card
- **Optional Function:** MF Card, HID Prox Card, HID Iclass Card
- **Communication:** RS485
- **CPU:** 1.0 GHz
- **Hardware:** Buzzer Prompt, Three-color Indicator Light
- **Compatibility:** inBio/inBioPro Controllers, Standalone Fingerprint Devices
- **Working Voltage:** 12VDC
- **Working Temperature:** -10 °C ~ 45 °C
- **Dimension(L*W*H):** 121.3*77.3*38 mm

Control Panel-InBio Series



»» InBio-160 (F02060049)



»» InBio-260 (F02060056)



»» InBio-460 (F02060067)



- **Readers Supported:** InBio-160: 4 (2 RS-485 Reader, 2 26-bit wiegand reader); InBio-260: 8 (4 RS-485 Reader, 4 26-bit wiegand reader); InBio-460: 12 (8 RS-485 Reader, 4 26-bit wiegand reader)
- **Number of Inputs:** InBio-160: 3(1exit Device and 1 Door Status, 1 AUX); InBio-260: 6 (2 exit Device and 2 Door Status, 2 AUX); InBio-460:12(4 exit Device and 4 Door Status, 4 AUX)
- **Number of Outputs:** InBio-160: 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output); InBio-260: 4 (2-Form C Relay for Lock and 2 Form C Relay for Aux Output); InBio-460: 8 (4-Form C Relay for Lock and 4 Form C Relay for Aux Output)
- **Dimension(L*H*W):** inbio160 & inbio260: 185*106*36 mm; inBio460: 452*212*72 mm
- **Package Weight:** InBio-160: 3.6kg; InBio-260: 3.6kg; InBio-460: 3.7kg
- **Doors Controlled:** 1 Door/2 Door/4 Door
- **Card Holders Capacity:** 30,000
- **Fingerprint Capacity:** 3,000 (optional 20,000)
- **Log Events Capacity:** 100,000
- **Types of Readers:** 26-bit Wiegand and RS485 FR Series Reader
- **Communication:** TCP/IP and RS-485
- **CPU:** 32 bit 400MHz CPU
- **RAM:** 32M
- **Flash Memory:** 128M
- **Power Supply:** 9.6V-14.4V DC

Control Panel-C2 Series



»» C2-260 (F02060214)

»» C2-260 FP (F02060279)

- **Doors Controlled:** 2 Door
- **Readers Supported:** 8 (8 RS-485 Reader)
- **Type of Readers:** RS485 Series Reader
- **Number of Inputs:** C2-260:6 (2 exit Device and 2 Door Status, 2 AUX)
- **Number of Outputs:** 4 (2-Form C Relay for Lock and 2 Form C Relay for Aux Output)
- **Card holders Capacity:** 30,000
- **Fingerprint Capacity:** 2,000 (C2-260 FP)
- **Log Events Capacity:** 200000
- **Communication:** 32 bit 1.0GHz CPU
- **CPU:** 32 bit 1.0GHz CPU
- **RAM:** 64M
- **Flash Memory:** 128M
- **Power:** 9.6V-14.4V DC



Control Panel-DM10



DM10 (F02010434)



- **Doors Controlled:** 1 Door
- **Readers Supported:** 2 (2 26-bit wiegand reader)
- **Types of Readers :** 26-bit Wiegand
- **Number of Inputs:** 3 (1 exit Device and 1Door Status, 1 AUX)
- **Number of Outputs:** 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)
- **Communication:** TCP/IP and RS-485 USB
- **Power:** 9.6V-14.4V DC

Standalone Terminal-Fingerprint



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Dimensions:** 205*86*45 mm (T*W*H)
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232/485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/MF Card, ADMS, Photo ID, Printer, T9 Input
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB



F21 Lite (F02010121)



- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, RS485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** ID card, Anti-passback, Multi-verification, Wiegand in/Out, Advance access control
- **Optional Functions:** MF Card
- **Protection Rate:** IP65



F16 (F02010090)



MA500 (F02010338)



F19 (F02010577)



F7-C (F02010376)

- **Fingerprint Capacity:** 3000
- **ID Card Capacity:** 30000
- **Logs Capacity:** 100000
- **Communication:** TCP/IP, RS485
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Wiegand Out, advance access control, Anti-passback, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Ingress Protection Rate:** IP65

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232/485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/MF Card/HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out

- **Display:** 2.0-Inch TFT Color Screen
- **Fingerprint Capacity:** 1500
- **ID Card Capacity:** 5000 (optional)
- **Logs Capacity:** 80000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Wiegand Out, Door Bell
- **Optional Functions:** ID /MF Card, Wiegand In, Anti-passback
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» SF300 (F02010656)



- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell
- **Optional Functions:** ID/MF Card, Scheduled Bell, External Bell
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» SF400 (F02010654)



- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID /MF Card, Scheduled Bell, External Bell
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell



»» TF1600 (F02010434)



- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Sensor:** Low Temperature Resistance Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** ID Card, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out
- **Power Supply:** 12V 3A
- **Optional Functions:** MF Card
- **Operating Temperature:** -40 °C- 45 °C
- **Ingress Protection Rate:** IP65



»» X7 (F02010498)



- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%



»» X8s (F02010506)



- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

» Standalone Terminal-Finger Vein



»» FV18 (F02010540)

- **Display:** 2.4-inch TFT LCD Color Screen
- **Fingerprint Capacity:** 1,000
- **Card Capacity(Optional):** 5,000
- **Log Capacity:** 100,000
- **Communication:** TCP/IP, USB-host, WIFI (Optional)
- **Standard Functions:** DST, Record Query, Anti-passback
- **Optional Functions:** Webserver, WorkCode, Printer, Wireless Doorbell
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** 20%-80%
- **Dimension (L*H*D):** 210.9*80.1*96mm



Standalone Terminal-Multi-Biometric



MultiBio 800 (F02030006)

- **Display:** 2.8 inch TFT LCD Color Screen
- **Face Capacity:** 400
- **Fingerprint Capacity:** 1,000
- **Card Capacity:** 1,000(Optional) ID or MF Card
- **Transaction Capacity:** 100,000 Transactions
- **Communication:** RS485, TCP/IP, USB-host
- **Algorithm Version:** ZKFinger VX10.0 & ZKFace VX7.0
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell, PhotoID
- **Power Supply:** 12V DC, 3A



- **Display:** 3-inch Touch Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2000
- **ID Card Capacity (optional):** 10000
- **Log Capacity:** 100000
- **Camera:** High Resolution Infrared Camera
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, RS232/485, USB-host
- **Access Control Interface for:** 3rd party electric lock, door sensor, exit button, alarm, wired doorbell
- **Anti-pass back Function:** Yes
- **Wiegand Signal:** Input & Output
- **Standard Access Control Function:** Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, MF Card
- **Power Supply:** 12V DC
- **Dimension (L*H*D) mm:** 209.4*87.5*91.6



MultiBio 700 (F02030001)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 5,000 (1:N)
- **Fingerprint Capacity:** 5,000
- **Palm Capacity:** 1,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 500,000
- **Camera:** High Resolution Infrared Camera
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, RS232 / 485, USB-host
- **Special Functions:** Fast and Accurate Facial&Palm Identification Algorithm
- **Standard Functions:** Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, Mifare Card
- **Power Supply:** Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, MF Card
- **Power Supply:** 12V DC
- **Operating Temperature:** 0 - 45 °C
- **Dimension (L*H*D) mm:** 209.4*87.5*91.6



MultiBio 700 Plus (F01070140)

Standalone Terminal-RFID



SC105 (F02020026)

- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** MF Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L*W*H):** 130*94*52 mm



SC405 (F02020045)

- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** MF Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L*W*H):** 143*96*42mm



- **Card Capacity:** 30,000
- **Transaction Capacity:** 50,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, door bell
- **Optional Functions:** MF Card
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** 12V/3A
- **Dimension (L*W*H):** 153*95.5*35.5 mm



»» SCR100 (F02020056)



- **Sensor:** SilkID Fingerprint Sensor
- **Algorithm:** ZKFinger v10.0
- **Standard Function:** ID Card
- **Optional Function:** MF Card, HID Prox Card, HID Iclass Card
- **Communication:** RS485
- **CPU:** 1.0 GHz CPU
- **Hardware:** Buzzer Prompt, Three-color Indicator Light
- **Compatibility:** inBio/inBioPro Controllers, Standalone Fingerprint Devices
- **Working Voltage:** 12VDC
- **Working Temperature:** -10 °C ~ 45 °C
- **Dimension (L*W*H):** 121.3*77.3*38 mm



»» FR1500 (F08010012)

Reader-Fingerprint



- **Sensor:** ZK Infrared Optical Sensor
- **Communication:** RS485
- **Built-in Card Reader:** 125 kHz EM card reader
- **Optional Function:** MF Card reader
- **Power Supply:** DC 12V
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% ~ 80%
- **Dimension (L*W*H):** 88*88m*3.6 mm



»» FR1300 (F08010010)



- **Sensor:** ZK small-sized sensor
- **Standard Function:** ID Card Module
- **Optional Function:** MF Card Module
- **Communication:** RS485
- **CPU:** 1G Hz
- **Voice Prompt:** Buzzer
- **Protection Grade:** IP65
- **Working Voltage:** 12V DC
- **Working Temperature:** 0°C ~ 45°C
- **Dimension (L*W*H):** 102*50*37 mm



»» FR1200 (F08010005)

Control Panel-Elevator Control

- **Floor Button Control Relay:** 10
- **Fingerprint Capacity:** 3,000
- **RFID Card Capacity:** 30,000
- **Event Capacity:** 100,000
- **Communication to PC:** TCP/IP, RS485
- **Communication to EX16:** RS485
- **Number of supported EX16:** 3
- **Power Supply:** 12V DC 1A
- **Dimension (L*D*H):** 242*95*60 mm
- **Net weight:** 0.8Kg



»» EC10 (F02060038)

- **Floor Button Control Relay:** 16
- **Communication to EC10:** RS485
- **RS485 address:** Set by DIP switch
- **Power Supply:** 12V DC 1A
- **Dimension (L*D*H):** 160*106 mm
- **Net weight:** 0.2Kg



»» EX16 (F02060043)



QR Reader



»» QR500-B
(X02101166)



»» QR500-W
(X02101167)

13.56 MHz RFID and QR Code Reader

Features:

- **Communication:** Wiegand 26/34/66, RS485 and USB
- **QR Code Type:** Data Matrix, PDF417, GS1 Databar, Code 128/EAN128, UPC/EAN, Codabar, Code 39/Code 93 etc
- **RFID Card:** S50,S70,DESFire, Ntag
- **Reading Distance:** ≥4cm based on IC card ≥5cm based on QR code
- **USB Cable Length:** 1000±10mm
- **Operating Voltage:** DC 12V, USB 5V
- **Operating Current:** ≤400mA
- **Operating Temperature:** -10°C~+50°C
- **Dimension:** 86*86*50mm

Wireless Reader



»» WRF100 MF
(X02101058)

433MHz Rolling Code Technology, with 433 Acceptor Module

- **Card Type:** 13.56MHz Mifare Card
- **Wiegand:** W26 / W34
- **Communication Distance:** 30m Maximum; Ultra low power consumption
- **Waterproof:** IP65
- **Operating Temperature:** -20°C~+60°C
- **Dimensions:** 120*50*20mm

Metal Reader



»» MR100
(ID: X02101012 / IC: X02101071)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125K EM /13.56MHz IC Card; Wiegand 26~37 bits output(default: 26bits) External LEDD &BuZZer Control
- **Reading Range:** 3~8cm
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40°C~+60°C
- **Dimensions:** 103*48*19mm



»» MR101
(ID: X02102040 / IC: X02101059)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125KHz EM /13.56MHz IC Card; Wiegand 26~37 bits output(default:26bits); External LEDD &BuZZer Control
- **Reading Range:** 3~8cm
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40°C~+60°C
- **Dimension:** 103*48*19mm

Metal Standalone Device



»» MK-V
(ID: X0211204 / IC: X02112005)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4~6 digits PIN
- **RFID:** 125k EM /13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40°C~+60°C
- **Dimension:** 130*55*23mm



»» MK-H
(ID: X02112002 / IC: X02112003)

Metal case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4~6 digits PIN
- **RFID:** 125k EM /13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40°C~+60°C
- **Dimension:** 120*76*25mm

Standalone Device



»» SA32
(EM: X03401053 / MF: X03401057)

RFID And Password Identification

- **Waterproof:** IP66
- **User Capacity:** 1,000
- Access Control Interface for electric lock, exit button and door bell



»» SA33
(EM: X03401054 / MF: X03401055)

RFID And Password Identification

- Touch keypad
- **User Capacity:** 1,000
- Access Control Interface for electric lock, door sensor, alarm, exit button. Wiegand input & output



»» KR201E / M
(X02108046 / X02101043)



»» KR202E / M
(X02102041 / X02102042)

Reader -Wiegand RFID Reader



»» KR100E / M
(X02108044 / X02108013)



»» KR101E / M
(X02108045 / X02101042)



»» KR310
(X02101041)



»» KR500E / M
(X02108026 / X02108004)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 116*75*17.3mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 77.5*42.8*16.5mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 84.5*44*16.8mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*22.4mm

- ID, Mifare Classic (4B UID / 7B UID), Desfire(4B UID)
- Wiegand 26 / 34 bit (EM/MF)
- **Cable Length:** 1500±50mm
- **Operating Temperature:** -10°C to ~ +70°C
- **Protection:** IP65
- **Dimension:** 77.5 x 42.8 x 16.5mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26 / 34 bit
- **Dimension:** 44*78*16mm



»» KR102E / M
(X02102031 / X02108251)



»» KR200E / M
(X02108230 / X02101039)



»» KR502E / M
(X02108010)



»» KR503E
(X02108259)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16.3mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16.8mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86*86*22.4mm

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 75*116*16mm



» KR600E / M
(X02108260 / X02108262)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 75*116*16mm



» KR601E
(X02108049)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16mm



» KR602E / M
(X02102036 / X02101069)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*20mm



» KR702E / M
(X02108252 / X02108253)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 113x75x16mm

» Reader -RS485 Card Reader



» KR503E / M-RS
(X02113058 / X02113059)

- Read 125KHz Proximity ID/13.56MHz IC card number
- Communication: RS485
- **Dimension:** 75*116*16mm

» Reader -Card Issuer



» CR10E / M
(X00603005 / X00603007)

- Read 125K proximity / 13.56MHz MiFare card number, USB interface



» CR10MW
(X00603006)

- Read & Write 13.56MHz MiFare Card, USB interface



» CR20E / M
(X00603016 / X00603017)

- Read 125K proximity /13.56MHz MiFare card number, USB interface



» CR20MW
(X00603018)

- Read & Write 13.56MHz MiFare Card, USB interface

Entrance Control

Entrance control is all about management of people. General management methods include access control system, parking management system and visitor management system using intelligent turnstiles. In different environments, different types of entrance control devices are required. For example, the tripod turnstiles and full height turnstiles are installed in public venues, and the flap barrier turnstiles are often installed in the private enterprises. ZKTeco commits to integrating biometrics into entrance control to provide more intelligent management solutions.





Swing Barriers

SBTL8000 / SBTL8011 / SBTL8022



F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~ 60°C		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*1040		
Dimension (mm)	1600*1040*1200 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

SBTL8200 / SBTL8211 / SBTL8222



F05030227 / F05030229 / F05030231

Model	SBTL8200	SBTL8211	SBTL8222
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~ 60°C		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*870		
Dimension (mm)	1600*870*1200 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	86		
Weight with Packing (kg)	100		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		



SBTL8000 / SBTL8011 / SBTL8022 (Low Barrier Panels)



F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~ 60°C		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*1040		
Dimension (mm)	1600*1040*1000 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

SBTL8000 / SBTL8011 / SBTL8022 (Wide Barrier Panels)



F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~ 60°C		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	920		
Footprint (mm*mm)	1600*1300		
Dimension (mm)	1600,*1300*1000 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		



SBTL5000/SBTL5011/SBTL5022



F05030180 / F05030181 / F05030182

Model	SBTL5000	SBTL5011	SBTL5022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~60°C		
Working Humidity	20%~95%		
Working Environment	Indoor		
Lane Width (mm)	650		
Footprint (mm*mm)	1400*1010		
Dimension (mm)	1400*180*1000 (L*W*H)		
Dimension with Packing (mm)	1500*260*1100 (L*W*H)		
Net Weight (kg)	120		
Weight with Packing (kg)	150		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

SBTL5200/SBTL5211/SBTL5222



F05030183/F05030184/F05030185

Model	SBTL5200	SBTL5211	SBTL5222
Power Requirements	AC 100~120V, 50/60Hz		
Working Temperature	-28°C~60°C		
Working Humidity	20%~95%		
Working Environment	Indoor		
Lane Width (mm)	650		
Footprint (mm*mm)	1400*1010		
Dimension (mm)	1400*180*1000 (L*W*H)		
Dimension with Packing (mm)	1500*260*1100 (L*W*H)		
Net Weight (kg)	120		
Weight with Packing (kg)	150		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		



Flap Barriers

FBL5000/FBL5011 Pro



F05020246 / F05020248

FBL5022 Pro



F05020250

Model	FBL5000 Pro	FBL5011 Pro	FBL5022 Pro
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~60°C		
Working Humidity	5%~85%		
Working Environment	Indoor/Outdoor		
Lane Width(mm)	600		
Footprint(mm*mm)	1200*1200		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1400*840*1010 (L*W*H)		
Net Weight(kg)	126		
Weight with Packing(kg)	90		
LED Indicator	Y		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

FBL5200/FBL5211 Pro



F05020247 / F05020249

FBL5222 Pro



F05020251

Model	FBL5200 Pro	FBL5211 Pro	FBL5222 Pro
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~60°C		
Working Humidity	5%~80%		
Working Environment	Indoor/Outdoor		
Lane Width(mm)	600		
Footprint(mm*mm)	1200*840		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1400*400*1010 (L*W*H)		
Net Weight(kg)	81		
Weight with Packing(kg)	116		
LED Indicator	Y		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		



↳ Tripod Turnstiles

TS5000A/TS5011A/TS5022A



F05010146/F05010147/F05010148

Model	TS5000A	TS5011A	TS5022A
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C~60°C		
Working Humidity	5%~85%		
Working Environment	Indoor/Outdoor (if sheltered)		
Lane Width(mm)	500		
Footprint(mm*mm)	1200*750		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1310*420*1100 (L*W*H)		
Net Weight (kg)	60		
Weight with Packing (kg)	90		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		
Options/Accessories	Counter, Card Receiver Box, SUS316 Cabinet and Lid, Remote Control		





↳ Tripod Turnstiles

TS1000 Pro (F05010156)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS1011Pro (F05010157)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS1022 Pro (F05010158)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Control System:** Input controlled by dry contact
- **Pictogram Indication:** Yes
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS1200 (F05010033)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
- **Package Dimension:** 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS1211 (F05010037)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
- **Package Dimension:** 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS1222 (F05010041)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Control System:** Input controlled by dry contact
- **Pictogram Indication:** Yes
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
- **Package Dimension:** 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter





TS2000 Pro (F05010159)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120*108*38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS2100 (F05010074)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS2011Pro (F05010160)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120*108*38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS2111 (F05010079)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS2022 Pro (F05010161)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120*108*38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter



TS2122 (F05010084)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter





TS2200 (F05010091)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG



TS2211 (F05010094)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG



TS2222 (F05010097)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG





Swing Barriers

SBT1000S (F05030006)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):**
985*200*1100(L*W*H)
- **Dimension with Packing(mm):**
280*280*1160(L*W*H)
- **Net Weight(kg):** 31

- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass
(stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



SBT1011S (F05030011)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):**
985*200*1100(L*W*H)
- **Dimension with Packing(mm):**
280*280*1160(L*W*H)
- **Net Weight(kg):** 31

- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass
(stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



SBT1022S (F05030016)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):**
985*200*1100(L*W*H)
- **Dimension with Packing(mm):**
280*280*1160(L*W*H)

- **Net Weight(kg):** 31
- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass
(stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



SBTL2000 (F05030084)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):**1610*1200
- **Dimension(mm):**
1200*280*1000(L*W*H)
- **Dimension with Packing(mm):**
1310*800*1100(L*W*H)
- **Net Weight(kg):** 118

- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



SBTL2011 (F05030088)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):**1610*1200
- **Dimension(mm):**
1200*280*1000(L*W*H)
- **Dimension with Packing(mm):**
1310*800*1100(L*W*H)

- **Net Weight(kg):** 118
- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



SBTL2022 (F05030092)

- **Power Requirements:**
AC110V/220v,50/60HZ
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/
Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):**1610*1200
- **Dimension(mm):**
1200*280*1000(L*W*H)
- **Dimension with Packing(mm):**
1310*800*1100(L*W*H)
- **Net Weight(kg):** 118

- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million





SBTL2200 (F05030096)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1270*1200
- Dimension(mm): 1200*280*1000 (L*W*H)
- Dimension with Packing(mm): 1310*420*1100 (L*W*H)
- Net Weight(kg): 68
- Weight with Packing(kg): 96
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



SBTL2211 (F05030098)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1270*1200
- Dimension(mm): 1200*280*1000 (L*W*H)
- Dimension with Packing(mm): 1310*420*1100 (L*W*H)
- Net Weight(kg): 68
- Weight with Packing(kg): 96
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



SBTL3000 (F05030102)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1570*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*760*1100 (L*W*H)
- Net Weight(kg): 114
- Weight with Packing(kg): 161
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



SBTL3011 (F05030106)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1570*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*760*1100 (L*W*H)
- Net Weight(kg): 114
- Weight with Packing(kg): 161
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million

SBTL2222 (F05030100)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1270*1200
- Dimension(mm): 1200*280*1000 (L*W*H)
- Dimension with Packing(mm): 1310*420*1100 (L*W*H)
- Net Weight(kg): 68
- Weight with Packing(kg): 96
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



SBTL3022 (F05030110)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1570*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*760*1100 (L*W*H)
- Net Weight(kg): 114
- Weight with Packing(kg): 161
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million





SBTL3200 (F05030114)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1250*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*400*1100 (L*W*H)
- Net Weight(kg): 66
- Weight with Packing(kg): 98
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



SBTL3211 (F05030116)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1250*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*400*1100 (L*W*H)
- Net Weight(kg): 66
- Weight with Packing(kg): 98
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million

SBTL3222 (F05030118)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 1050
- Footprint(mm*mm): 1250*1500
- Dimension(mm): 1500*260*1000 (L*W*H)
- Dimension with Packing(mm): 1640*400*1100 (L*W*H)
- Net Weight(kg): 66
- Weight with Packing(kg): 98
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: SUS304 Stainless Steel
- Barrier Movement: Swing
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million





Flap Barrier Turnstiles



FBL1000 Pro (F05020228)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:**
SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL1200 Pro (F05020229)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL1011 Pro (F05020230)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:**
SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL1211 Pro (F05020231)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL1022 Pro (F05020232)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:**
SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL1222 Pro (F05020233)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):**
870*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL2000 Pro (F05020234)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2200 Pro (F05020235)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2011 Pro (F05020236)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2211 Pro (F05020237)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2022 Pro (F05020238)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2222 Pro (F05020239)



- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~85%
- **Working Environment:**
Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):**
1150*300*1000(L*W*H)
- **Dimension with Packing(mm):**
1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million



FBL4000 Pro (F05020240)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*1200
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*840*1010 (L*W*H)
- Net Weight(kg): 142
- Weight with Packing(kg): 211
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



FBL4011 Pro (F05020242)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*1200
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*840*1010 (L*W*H)
- Net Weight(kg): 142
- Weight with Packing(kg): 211
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million

FBL4022 Pro (F05020244)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*1200
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*840*1010 (L*W*H)
- Net Weight(kg): 142
- Weight with Packing(kg): 211
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



FBL4200 Pro (F05020241)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*840
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*400*1010 (L*W*H)
- Net Weight(kg): 84
- Weight with Packing(kg): 119
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million



FBL4211 Pro (F05020243)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*840
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*400*1010 (L*W*H)
- Net Weight(kg): 84
- Weight with Packing(kg): 119
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million

FBL4222 Pro (F05020245)

- Power Requirements: AC 100~120V, 50/60Hz
- Working Temperature: -28°C~60°C
- Working Humidity: 5%~80%
- Working Environment: Indoor/Outdoor
- Lane Width(mm): 600
- Footprint(mm*mm): 1350*840
- Dimension(mm): 1350*300*1010 (L*W*H)
- Dimension with Packing(mm): 1500*400*1010 (L*W*H)
- Net Weight(kg): 84
- Weight with Packing(kg): 119
- LED Indicator: Y
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Y
- Security Level: Medium
- MCBF: 2 million





Optical Barriers



OP1000 (F05020134)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



OP1200 (F05020140)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



OP1011 (F05020136)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



OP1211 (F05020142)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



OP1022 (F05020138)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



OP1222 (F05020144)

- **Power Requirements:**
AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28°C~60°C
- **Working Humidity:** 5%~80%
- **Working Environment:**
Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):**
500*180*1000(L*W*H)
- **Dimension with Packing(mm):**
600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:**
SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million



Full Height Turnstiles

FHT 2300 (F05040008)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2311 (F05040010)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2322 (F05040012)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2400 (F05040014)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x 1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54





FHT 2411 (F05040016)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x 1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2422 (F05040018)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2300D (F05040025)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2311D (F05040026)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x1510x2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54





FHT 2322D (F05040027)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2400D (F05040028)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2411D (F05040029)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54



FHT 2422D (F05040030)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54





License Plate Recognition Products

Mini-LPR



- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

LPRS1000



- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

LPRS4000

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger



LPRS2000

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

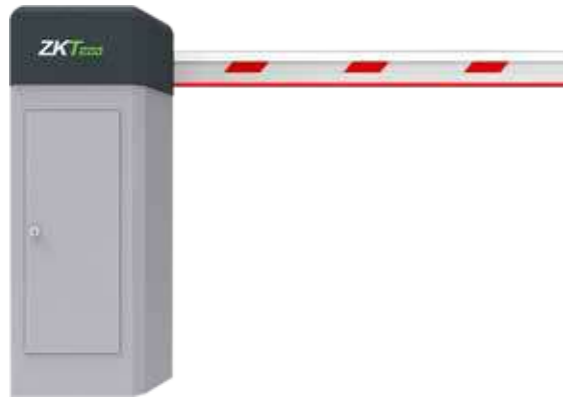




Barrier Gates

PB4000L/R

- **Lane Width:** 4m (PB4030L/R); 6m (PB4060L/R)
- **Opening / Closing Time:** 3s (PB4030L/R); 6s (PB4060L/R)
- **Supply Voltage:** 110V AC or 220V AC
- **Power Consumption Max.:** 120W
- **Frequency:** 50-60Hz
- **Cabinet Material:** powder coated steel
- **Boom Material:** aluminum alloy
- **Temperature Range:** -20°C~+60°C
- **Humidity Range:** ≤90%
- **Housing Dimensions (W *D*H):** 328*286*934 (mm)
- **Packing Dimensions (W*D*H):** 460*420*1150 (mm)
- **Net Weight (without boom):** 60kg
- **Gross Weight (without boom):** 70kg



ProBG3000L/R

- **Boom Length:** 3m/4.5m/6m
- **Opening/Closing Time:** 0.9s(3m boom); 2.5s(4.5m boom); 3s(6m boom)
- **Driving Method:** Servo motor
- **Remote Control Distance:** ≤100m (open, sunny weather)
- **Output:** alarm signal, up/down limit, traffic light, OK signal (It will be output after machine self-inspection, means the barrier gate working state is OK)
- **Power Supply:** 24V DC, 100~240V AC
- **Frequency:** 50~60Hz
- **Power Consumption:** 100W
- **Operating Temperature Range:** -40°C~+75°C
- **Humidity Range:** ≤90%
- **Protection Level:** IP 54
- **Machine Case:** powder coated steel
- **Net Weight:** 48kg
- **Machine Case Size:** 360*330*1000 (mm)



ProBG2000L/R

- **Boom Length:** 3m/4.5m/6m
- **Opening/Closing Time:** 0.9s(3m boom); 2.5s(4.5m boom); 3s(6m boom)
- **Driving Method:** Servo motor
- **Remote Control Distance:** ≤100m (open, sunny weather)
- **Output:** alarm signal, up/down limit, traffic light, OK signal (It will be output after machine self-inspection, means the barrier gate working state is OK)
- **Power Supply:** 24V DC, 100~240V AC
- **Frequency:** 50~60Hz
- **Power Consumption:** 100W
- **Operating Temperature Range:** -40°C~+75°C
- **Humidity Range:** ≤90%
- **Protection Level:** IP 54
- **Machine Case:** powder coated steel
- **Net Weight:** 46kg
- **Machine Case Size:** 330*330*1000 (mm)



Long Distance RFID Products

UHF1-5E / UHF1-5F

- **Reading Distance:** 0-6m (Recommend Distance: 0-3m)
- **Working Frequency:** 865MHz – 868MHz (UHF1-5E)
902MHz – 928MHz (UHF1-5F)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Output Power:** 18dBm-26dBm
- **Antenna Gain:** 8dBI
- **Shell Material:** Antenna panel: ABS engineering plastics;
Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 250*250*70 mm (±5mm)





UHF1-10E / UHF1-10F



- **Reading Distance:** 0-12m (Recommend Distance: 0-6m)
- **Working Frequency:**
865MHz – 868MHz (UHF1-10E)
902MHz – 928MHz (UHF1-10F)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Output Power:** 18dBm-26dBm
- **Antenna Gain:** 12dBI
- **Shell Material:** Antenna panel: ABS engineering plastics;
Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 445*445*70mm (±5mm)

UHF 6E Pro / UHF 6F Pro



- **Reading Distance:** 0-18m (Recommend Distance: 0-9m)
- **Working Frequency:**
865MHz – 868MHz (UHF6E Pro)
902MHz – 928MHz (UHF6F Pro)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C/ISO 18000-6B
- **Output Power:** 10dBm-33dBm
- **Antenna Gain:** 9dBI
- **Shell Material:** Antenna panel: ABS engineering plastics;
Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 310*310*90 mm (±5mm)

U1000E / U1000F



- **Reading Distance:** 0-6m (Recommend Distance: 0-3m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:**
865MHz – 868MHz (U2000E)
902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;
Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 250*250*70mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

U2000E / U2000F



- **Reading Distance:** 0-12m (Recommend Distance: 0-6m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:**
865MHz – 868MHz (U2000E)
902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;
Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 445*445*70 mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

BT100

- **Reading Distance:**
3-15m (adjustable)
- **Reading Tag Type:** EM, MF Card,
DISFARE, ISO15693, TYPEA B C
- **Shell Material:** ABS Plastics
- **Working Current:** 1.8A +/-10%

- **Communication Interface:**
Wiegand 26 (Default), RS232, RS485
- **Working Frequency:** 433MHz
- **Working Temperature:** -30 °C ~ 75 °C
- **Working Voltage:** DC9V ~ 15V
- **Dimension:** 234*45*1707 mm (±5mm)





UR10R-1E / UR10-1F



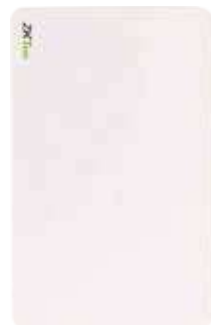
- **Reading Distance:** 20-40cm
- **Working Frequency:**
865MHz – 868MHz (UR10R-1E)
902MHz – 928MHz (UR10R-1F)
- **Hardware Interface:** USB analog keyboard output,
Wiegand26 (Default), Wiegand34
- **Working Voltage:** DC 9V -12V
- **Working Current:** 50-300mA
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 107*107*23 mm (±5mm)
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C/ISO 18000-6B

BT10



- **Reading Distance:** 3-15cm
- **Reading Tag Type:** EM, MF Card, DISFARE, ISO15693, TYPEA B C
- **Shell Material:** ABS Plastics
- **Working Current:** <100 mA
- **Communication Interface:** USB
- **Working Frequency:** 433MHz
- **Working Temperature:** -10 °C ~ 70 °C
- **Working Voltage:** DC5V (USB Power)
- **Dimension:** 160*109*41mm (±3mm)

UHF1-Tag9



- **Reading Distance:** 0-8m for vehicle management /0-3m for access control management (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
Non-contact access control management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Memory Capacity:** 800bits
- **Chip UID:** 64bits
- **Working Frequency:** 860-928MHz
- **Data Storage:** 5 Years (Only for chip)
- **Working Temperature:** -30 °C ~ 85 °C
- **Dimension:** 85*54*0.8 mm (±0.06mm)
- **Storage Humidity:** 40% ~ 50% RH
- **Packaging Process:** Hot Laminating

UHF1-Tag3

- **Reading Distance:** 0-10m (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Memory Capacity:** 272bits
- **Erase Endurance:** 10,000 times (Only for chip)
- **Storage Humidity:** 40% ~ 70% RH
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Chip UID:** G2XM
- **Working Frequency:** 860-928MHz
- **Data Storage:** 20 Years (Only for chip)
- **Environment Requirments:** RoHS Certificate
- **Working Temperature:** -30 °C ~ 60 °C
- **Dimension:** 249*13.8*18 mm (±0.5mm)



UHF Parking Tag

- **Reading Distance:** 0-7m (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Erase Endurance:** 100,000 times (Only for chip)
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Chip:** AZ 9654 H3
- **Working Frequency:** 860-960MHz
- **Working Temperature:** -10 °C ~ 50 °C
- **Storage Temperature:** -20 °C ~ 65 °C
- **Dimension:** 100*26 mm (±1mm)





DF01 Card



- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** ID Card Function & UHF1-Tag1 Function
- **Working Frequency:** ID: 125KHz; UHF: 860-928MHz
- **Interface Protocol:** ID: IOS/EM400; UHF: EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20%-60% RH
- **Dimension:** 85*54*0.9 mm (±0.5mm)

DF02 Card



- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** MF Card Function & UHF1-Tag1 Function
- **Working Frequency:** MF: 13.56KHz; UHF: 860-928MHz
- **Interface Protocol:** MF: IOS/IEC14443A; UHF: EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20%-60% RH
- **Dimension:** 85*54*0.9 mm (±0.5mm)

BT-Tag1



- **Reading Distance:** 3-15m
- **Fixed Mode:** Affixed type
- **Shell Material:** Shell: ABS Plastics
- **Memory:** 1Kbits Password; 1Kbits Fixed Information; 1Kbits Random Information
- **Working Way:** Real-time read and write (with double bit verification)
- **R&W Speed:** >100 Kbit/s
- **Working Temperature:** -20 °C ~ 60 °C
- **Power:** CR2032 Battery
- **Dimension:** 67*74*45mm

▾ Parking Locks

Plock 1



Material	SPCC Steel
Control Distance	≤20 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	390 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1mA
Operating Current	≤0.9A
Size	390*460*75 mm
Weight	8KG

Plock 2



Material	Steel
Control Distance	≤20 m
Auto-sensing Distance	≤15 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	420 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1.5 mA
Operating Current	≤2.5A
Size	460*460*75 mm
Weight	8KG

Security Inspection

ZKTeco's security inspection products offer a dependable and flexible intelligence security solution. We build a comprehensive security system to protect your entrance security, features of which include People Inspection, Freight Inspection and Vehicle Inspection.





Walk Through Metal Detector

ZK-D4330 (X01001002)



Model	ZK-D4330
Supply Voltage	15V
Temperature Range	-20 °C~+50 °C
Frequency	4KHZ-8KHZ
WorkStandard External Size(mm)	2200*930*760
Standard Internal Size(mm)	2010*760*760
Package Size for Door Panels(mm)	2300*335*800
Gross Weight	70KG
Display	7 inch LCD
Zone Quantity	33
Each zone Sensitivity Level	300
Optional Functions	Backup battery, Universal wheel, Networking, 45 zones

MST150 (F05200024)



Model	MST150
Detection Zones	15 Zones
Sensitivity	100 Levels
Channel	12
Alarm Relay	1-3 s
Open Duration	0.8s (adjustable)
Delay Close)	0-5s
Speed of Throughput	Maximum 30/ minute
Barrier Movement	Swing
Infrared Sensor	8 pair
Lid Material	Tempered Glass
Weight	232KG (with package)
External Dimensions(mm)	1620(H)×1100 (D)×1700 (L)
Channel Dimensions(mm)	1620(H)×720 (D)×1700 (L)
Work Frequency	4KH-8KH
Working Environment	Indoor
Working Temperature	-28°C ~ +50°C
Working Humidity	20%-95% (Non-condensing)
Open Duration	100 ~240V, 50/60Hz



X-Ray

BLADE6040 (F05210018)



Model	BLDAE6040
Tunnel Size	610*420 mm(W*H)
Speed	0.2 - 0.4 m/s
Hight of Transmission Belt	799mm
Maximun Load	≤200Kg (Adequate distribution)
Wire Resolution	38AWG
Space Definition	HorizontalΦ1.0mm / VerticalΦ2.0mm
Penetration	40mm steel board
Monitor	21.inch LED
Film Safety	ASA / ISO1600 standard of film safety
Tube Voltage	150-170 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0μGy
Package Size	L2100mm * W1200mm * H1600mm (L*W*H)
Package Weight	750KG
Power Consumption	1 kVA
Noise	51.8 dB(A)

BLADE100100 (F05210032)



Model	BLADE100100
Tunnel Size	1010*1020 mm(W*H)
Speed	0.2 - 0.4 m/s
Height of Transmission Belt	295 mm
Maximun Load	≤200 kg (Adequate distribution)
Wire Resolution	38AWG
Space Definition	Horizontal Φ1.0mm \ Vertical Φ2.0mm
Penetration	38mm steel board
Monitor	21.5 inch LED x 2
Film Safety	ASA / ISO1600 standard of film safety
Tube Voltage	150-170 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0μGy
Package Size	L2900mm * W1500mm * H2100mm (L*W*H)
Console Desk Size	L1320mm * W900mm * H1320mm (L*W*H)
Package Weight	1250KG+135KG (Console desk)
Power Consumption	1 kVA
Noise	55.8 dB(A)



Walk Through Metal Detector

»» ZK-D1065S (X01002045)

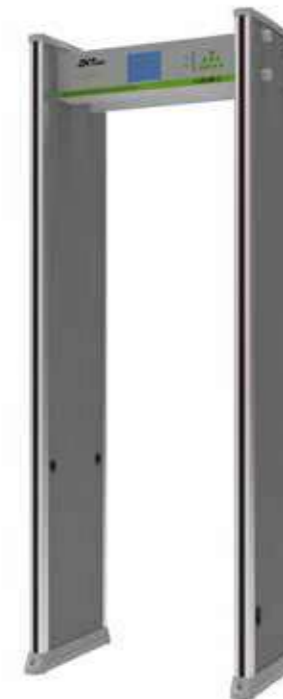
- Detection Zones: 6
- Sensitivity Levels: 100
- Display: LED
- Standard Functions: Detecting metal, Counting alarm and people.
- Optional Functions: Backup battery
- Power Supply: AC100 V-240 V
- Working Temperature: -20°C~+50°C
- Working Frequency: 4KHz—8KHz

- Standard External Size(mm): 2220*835*578
- Standard Internal Size(mm): 1990*700*578
- Package Size for Door Panels(mm): 2260*650*260
- Package Size for Control Unit(mm): 780*390*250
- Gross Weight: 70kg



»» ZK-D3180S (X01002041)

- Power Supply: AC100 V~240V
- Working Temperature: -20°C ~+50°C
- Working Frequency: 4KHz~8KHz
- Standard External Size: 2220mm(H)X835mm(W)X578mm(D)
- Standard Internal Size: 1990mm(H)X700mm(W)X578mm(D)
- Package Dimensions: 2310mm(H)X350mm(W)X665mm(D)
- Gross Weight: 65kg



»» ZK-D2180S (X01002043)

- Detection Zones: 18
- Sensitivity Levels: 256
- Display: 3.7" LCD display
- Optional Functions: Backup Battery
- Power Supply: AC100 V-240 V
- Working Temperature: -20°C~+50°C

- Working Frequency: 4KHz—8KHz
- Standard External Size(mm): 2220*835*578
- Standard Internal Size(mm): 1990*700*578
- Package Size for Door Panels(mm): 2260*650*260
- Package Size for Control Unit(mm): 780*390*250
- Gross weight: 70kg



Handheld Metal Detector



»» ZK-D100S (X01001061)

- Optional Functions: Li battery, USB charge cable
- Dimension(mm): 410*85*45
- Power Voltage: Standard 9V battery
- Operating Voltage: 7V-9V
- Operating Current: <50mA
- Alarm Terms: Sound (vibration) and light alarm simultaneously
- Waterproof: IP31
- Alarm Sound: ≥75dB(A)
- Operation Frequency: 22KHz



»» ZK-D180 (X01001019)

- Dimension(mm): 345*69*25
- Power Voltage: Li battery, USB charge cable
- Operating Voltage: 7V-12V
- Operating Current: <5mA
- Alarm Terms: Sound(vibration) & light simultaneously
- Alarm Sound: 75dB(A)
- Operation Frequency: 22KHz



»» ZK-D300 (X01001070)

- Dimension(mm): 360*82.5*42.5
- Weight: 270g
- Power supply: Two AA batteries
- Power Consumption: <60mW
- Operating Curren: <50mA
- Alarm Terms: Sound & light alarm/
Vibration & light alarm
- Material: The cover is mainly ABS and rubber
- Operating Temperature: IP31
- Alarm Sound: 0°C~ 60°C
(Relative Humidity: 0~95%)
- Operation Frequency:100KHz

Vehicle Inspection



»» ZK-VSCN100 (X03401316)

- Scanning Camera: High-speed line-scanning camera
- Vertical Resolution of the Image: 6000*2048 pixels
- Speed of Vehicle: 1-60km/h (Recommended speed≤30km/h)
- Effective Field of View (FOV): Less than 170°
- Auxiliary Light: 160W
- Weight Capacity: 30T
- Device Weight: 52KG
- Device Size(mm): 670*550*740
- Package Weight: 95KG
- Package Size(mm): 850*650*970
- Communication Interface: RJ45
- Operating Temperature: -10°C to 60°C
- Operating Voltage: AC 220V/110V, 50-60HZ
- Surveillance Camera: 2MP HD camera
- Storage: 1TB hard disk



»» ZK-VSCN200 (X01050001)

- Scanning Camera: High-speed line-scanning camera
- Vertical Resolution of the Image: >6000*2048 pixels
- Speed of Vehicle: 1-60km/h (Recommended speed≤30km/h)
- Effective Field of View (FOV): less than 170°
- Auxiliary Light: 320W
- Weight Capacity: 50T
- Water-proof Grade: IP68
- Scanning Device Weight: 105KG
- Scanner Size(mm): 1100*280*205
- Package Weight: 140KG+51KG (Distribution box) +90KG (Console desk)
- Package Size(mm): 1300*450*480 (scanner)
700*400*1200 (Distribution box)
800*750*1560 (Console desk)
- Surveillance Camera: 2MP HD camera
- Operating Voltage: AC 220V/110V, 50-60HZ
- Scanning Mode: Triggered by loop detector
- Surveillance Camera: 2MP HD camera
- Storage: 1TB Hard disk



»» BOL1168-F (X01004007)

- Diameter: 168mm
- Height from Ground: 600mm / customization
- Average Thickness: 6mm / customization
- Embedding Depth: 200mm
- Material: SUS304
- Reflective Strip Color: Yellow



»» BOL1168-R (X01004003)

- Diameter: 168mm
- Height from Ground: 600mm / customization
- Average Thickness: 6mm / customization
- Embedding Depth: 210mm
- Material: SUS304
- Reflective Strip Color: Yellow



»» BOL1219-A (X01004069(220V)
X01004071(110V))

- Drive Unit: Hydraulic
- Diameter: 219mm
- Weight : ≥130KG
- Underground Product Dimensions:
430mm*430mm*1130mm/430mm*430mm*1330mm
- Raising / Lowering Time: 3s
- Weight Load: 120t
- Material : SUS304
- Material Thickness: 6 / 8 / 10 / 12 / 15 / 30mm
- Ingress Protection: IP68
- Working Voltage: AC110/220V
- Working Power: 350W
- Working Temperature: -35 °C -75 °C



»» ZK-TK500 (X01005001)

- Material: A3 Steel
- Material Thickness: 12 / 14 / 16mm
- Length: Customizable
- Width: 550mm
- Material Thickness: 12 / 14 / 16mm
- Height: 85mm
- Max Loading Weight: 80T
- Weight: 0.3T (Standard)
- Spike Height: 150mm
- Spike Thickness : 12mm
- Drive Mode: Electromechanical
- Working Environment: -40 °C ~+70 °C
- Control Mode :
Short range wireless remote control/drive-by-wire
- Raising/Lowering Time : ≤1~2s
- System Dynamic Power : 180W



»» ZK-E8800 (X01003005)

- **Detection Technology:** Ion Mobility Spectrometry(IMS)
- **Sample Type:** Particulates, liquids and vapors
- **Detect Types of Sample:** Explosive: BP, TNT, DNT, RDX, PETN, NG, Tetryl, HMX, NH4NO3, Gina, Semtex , C4, TATP, HMTD, EGDN and etc., new samples can be added if needed
Narcotics: Cocaine, Heroin, Methamphetamine, Morphine, Tetrahydrocannabinol (THC) , Ketamine, MDMA, LSD, DOL, EPH, MDA, MDEA, Cathinone, AMPH and etc., new samples can be added if needed.
- **Sensitivity:** ng to pg level
- **Warm-up Time:** 20 minutes
- **Analysis Time:** 2 to 10 seconds
- **Alarm Form:** Explosives and types of narcotics can be displayed with light and visual alarm or hidden alarm.
- **Radiation Detector:** CsI (TI)
- **Power Range:** 33Kev ~ 3.0Mev
- **Relative Error:** Not exceeding + 20% .
- **Display:** 4.3 inch color LCD touch screen
- **Data Store and Interfaces:** At least 240000 sheets of raw data, Ethernet, USB interface
- **Dimensions(mm):** 440*140*150
- **Weight(kg):** 3.8 (with battery)
- **Power Supply:** 110/220VAC, 50/60Hz 24V AC/DC Adapter
22.2V re-chargeable lithium-ion battery up to 4 hours stand-by time more than 8 hours
- **Working Temperature:** -10°C to 60°C , relative humidity≤93%



»» ZKX5030C (F05210004)

- **Tunnel Size:** 507*305 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 730mm
- **Maximun Load:** ≤120Kg (Adequate distribution)
- **Wire Resolution:** 38 AWG (0.1mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 32mm Steel board
- **Monitor:** 17 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 140Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1990*990*1320mm (L*W*H)
- **Power Consumption:** 1kVA
- **Noise:** 53.8dB(A)
- **Package Weight:** 450KG

↘ X-Ray



»» ZKX5030A (F05210001)

- **Tunnel Size:** 507*305mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 730mm
- **Maximun Load:** ≤120Kg (Adequate distribution)
- **Wire Resolution:** 34 AWG(0.16mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 8mm Steel board
- **Monitor:** 17 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 80Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1900*990*1485mm (L*W*H)
- **Power Consumption:** 1kVA
- **Noise:** 53.8dB(A)
- **Package Weight:** 410KG



»» ZKX6040 (F05210005)

- **Tunnel Size:** 610*420 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 680mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** 40 AWG (0.0787mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 35mm Steel board
- **Monitor:** 21inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling / 100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1990*990*1485mm (L*W*H)
- **Power Consumption:** 1kVA
- **Noise:** 54 dB (A)
- **Package Weight:** 480KG



>>> **ZKX6550** (F05210002)

- Tunnel Size: 665*505 mm(W*H)
- Speed: 0.20 m/s
- Height of Transmission Belt: 700 mm
- Maximum Load: ≤180 kg (Adequate distribution)
- Wire Resolution: 40 AWG (0.0787mm metal wire)
- Space Definition: Horizontal Φ1.0mm\Vertical Φ2.0mm
- Penetration: 38mm Steel board
- Monitor: 21.5 inch LED
- Film Safety: ASA / ISO1600 standard of film safety
- Tube Voltage: 150 Kv
- Cooling: Seal oil cooling / 100%
- Single Inspection Dosage Rate: ≤1.0 μ Gy
- Package Size: 2240*1170*1755mm (L*W*H)
- Console Desk Size: 805*900*1320mm (L*W*H)
- Package Weight: 680KG+105KG (Console desk)
- Power Consumption: 1 kVA
- Noise: 53.8 dB(A)



>>> **ZKX6550D** (F05210014)

- Tunnel Size: 665*505 mm(W*H)
- Speed: 0.20m/s
- Hight of Transmission Belt: 800mm
- Maximun Load: ≤180Kg (Adequate distribution)
- Wire Resolution: Bottom Generator: 40AWG\Side Generator: 40AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetration: Bottom Generator: 38mm\Side Generator: 38mm
- Monitor: 21.5 inch LED x 2
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 160Kv
- Cooling: Seal oil cooling/100%
- Single Inspection Dosage Rate: ≤1.0μGy
- Radiation Leak Dosage: 0.1μGy/h(5cm from the shell)
- Package Size: 2500*1600*1550 mm (L*W*H)
- Console Desk Size: 1320*900*1320 mm (L*W*H)
- Package Weight: 1000KG+135KG (Console desk)
- Power Consumption: 1.5kVA
- Nolse: 55dB(A)



>>> **ZKX6550A** (F05210015)

- Tunnel Size: 665*505 mm(W*H)
- Speed: 0.20m/s
- Hight of Transmission Belt: 700mm
- Maximun Load: ≤180Kg (Adequate distribution)
- Wire Resolution: 38 AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetration: 10mm Steel board
- Monitor: 21.5 inch LED
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 80Kv
- Cooling: Seal oil cooling/100%
- Single Inspection Dosage Rate: ≤1.0μGy
- Package Size: 2240*1170*1755 mm (L*W*H)
- Console Desk Size: 805*900*1320 mm (L*W*H)
- Package Weight: 640KG+100KG (Console desk)
- Power Consumption: 1kVA
- Noise: 53.8dB(A)



>>> **ZKX6550V** (F05210013)

- Tunnel Size: 665*505 mm(W*H)
- Speed: 0.20m/s
- Hight of Transmission Belt: 700mm
- Maximun Load: ≤180Kg(Adequate distribution)
- Wire Resolution: 40 AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetrate Definition: 34 AWG
- Penetration: 38mm Steel board
- Monitor: 21.5 inch LED x 2
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 150Kv
- Cooling: Seal oil cooling/100%
- Single Inspection Dosage Rate: ≤1.0μGy
- Package Size: 2500*1450*1100 mm (L*W*H)
- Console Desk Size: 830*W800*1330 mm (L*W*H)
- Package Weight: 640KG+135KG (Console desk)
- Power Consumption: 1kVA
- Nolse: 53.8dB(A)



»» ZKX10080 (F05210008)

- Tunnel Size: 1006*803 mm(W*H)
- Speed: 0.2 - 0.4 m/s
- Hight of Transmission Belt: 385mm
- Maximun Load: ≤200Kg(Adequate distribution)
- Wire Resolution: 38 AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetrate Definition: 32 AWG
- Penetration: 34mm Steel board
- Monitor: 21.5 inch LED x 2
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 160Kv
- Cooling: Seal oil cooling / 100%
- Single Inspection Dosage Rate: ≤1.0μGy
- Package Size: 2200*1500*1750 mm (L*W*H)
- Console Desk Size: 1320*900*1320 mm (L*W*H)
- Package Weight: 1150KG+135KG (Console desk)
- Power Consumption: 1kVA
- Nols: 53.8dB(A)



»» ZKX100100 (F05210009)

- Tunnel Size: 1010*1020 mm (W*H)
- Speed: 0.2 m/s
- Hight of Transmission Belt: 484mm
- Maximun Load: ≤200Kg (Adequate distribution)
- Wire Resolution: 40 AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetration: 30mm Steel Board
- Monitor: 21.5 inch LED x 2
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 160Kv
- Cooling: Seal oil cooling/100%
- Single Inspection Dosage Rate: ≤1.0μGy
- Package Size: 2600*1520*1920 mm (L*W*H)
- Console Desk Size: 1320*850*1320 mm (L*W*H)
- Package Weight: 1250KG+135KG (Console desk)
- Power Consumption: 1kVA
- Nols: 55.8 dB(A)



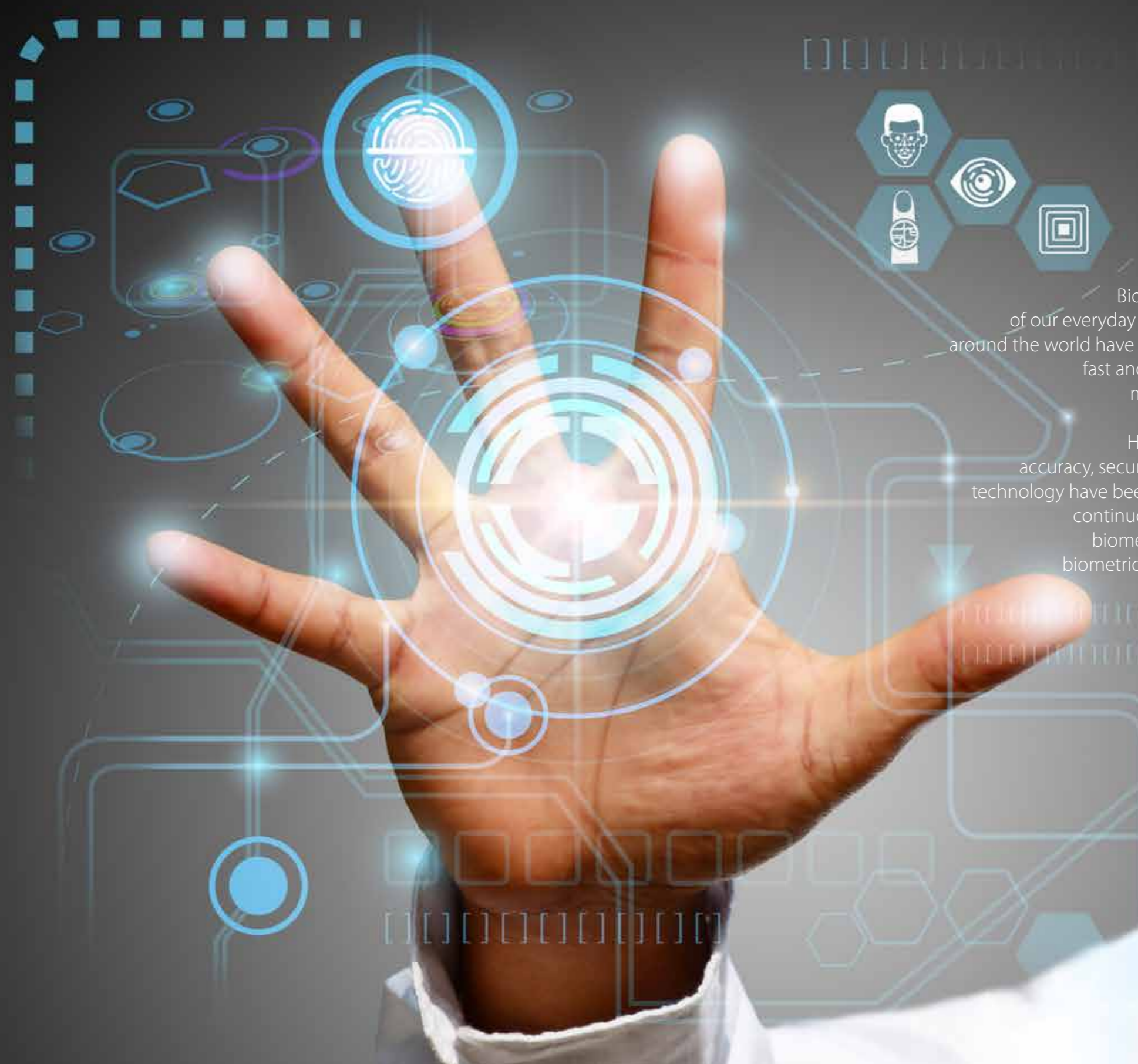
»» ZKX10080D (F05210022)

- Tunnel Size: 1018*822 mm (W*H)
- Speed: 0.2 - 0.4 m/s
- Hight of Transmission Belt: 300mm
- Maximun Load: ≤200Kg (Adequate distribution)
- Wire Resolution: Bottom Generator: 40AWG / Side Generator: 40AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetrate Definition: Bottom Generator: 32AWG / Side Generator:32AWG
- Penetration: Bottom Generator: 38mm/Side Generator: 38mm
- Monitor: 21.5 inch LED x 2
- System Function: "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training"
- Film Safety: ASA / ISO1600 standard of film safety
- Tube Voltage: 160Kv
- Cooling: Seal oil cooling/100%
- Radiation Leak Dosage: 0.2μGy/h(5cm from the shell)
- Package Size: 2900*1900*2000 mm (L*W*H)
- Console Desk Size: 1320*900*1320 mm (L*W*H)
- Package Weight: 1570KG+135KG (Console desk)
- Power Consumption: 1kVA
- Nols: 53.8 dB(A)



»» ZKX100100D (F05210025)

- Tunnel Size: 1006*1010 mm(W*H)
- Speed: 0.2 - 0.4 m/s
- Hight of Transmission Belt: 385mm
- Maximun Load: ≤200Kg(Adequate distribution)
- Wire Resolution: Top view: 40AWG / Side view: 40AWG
- Space Definition: HorizontalΦ1.0mm / VerticalΦ2.0mm
- Penetrate Definition: Top view: 32AWG / Side view: 32AWG
- Penetration: Top view: 38mm / Side view: 38mm
- Monitor: 21.5 inch LED x 2
- System Function: "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training"
- Film Safety: ASA/ISO1600 standard of film safety
- Tube Voltage: 160Kv
- Cooling: Seal oil cooling/100%
- Radiation Leak Dosage: 0.2 μ Gy/h (5cm from the surface)



Biometrics

Biometric technology has become an integral part of our everyday lives. Many countries, industries and enterprises around the world have already deployed biometric security systems for fast and accurate identification of visitors and travelers, manpower management and other applications.

However, their requirements and demand for the accuracy, security, convenience of using biometric recognition technology have been boosting. ZKTeco keeps bending its efforts to continuous development and improvement of different biometric-related technology based on Bio4, the core biometric identification technology, to provide end-users worldwide with the best biometric solutions.



USB Scanners-Fingerprint



»» SLK20R (F06010033)

- CPU: 280MHz
- Flash: 32 MB
- **Water Splash:** No damage, make sure it can work
- **Power Consumption:** 5V: 120-240mA scanning 5V: 97mA idle (waiting for finger)
- **Interface Type:** USB Type A
- **Dimension:** 49*44*20.1mm (L*W*H)
- **Sunlight Operation:** Yes, dark field and automatic gain/exposure
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 500 dpi
- **Image Size:** 300*400 pixel (FAP20)
- **Live Detection:** Yes
- **Template:** ZKFinger V10.0; ISO19794-2; ANSI 379
- **Certifications:** FCC, CE, RoHS, PIV
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.



»» ZK6500 (F06010153)

- **Prism Material:** Optical glass
- CPU: 280MHz DSP
- Flash: 8MB
- **Image Resolution:** 500dpi
- **Encryption IC:** YES
- **Interface Type:** USB Type A
- **Dimension:** 76.00 * 84.48 * 68.97 mm (L*W*H)
- **Sunlight Operation:** YES, dark field and automatic gain / exposure
- **Illumination LED:** Green
- **Collecting Area:** 16.5 * 23 mm
- **Image Size:** 256 * 360 pixel
- **Live Detection:** N / A
- **Template:** ZKFinger V10.0
- **ISO/ANSI Support:** N / A
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.



»» ZK9500 (F06010109)

- CPU: 280MHz
- Flash: 32 MB
- **Water Splash:** No damage, make sure it can work
- **Power Consumption:** 5V: 140-195mA scanning 5V: 63mA idle (waiting for finger)
- **Interface Type:** USB Type A
- **Dimension:** 124.5*102*34mm (L*W*H)
- **Sunlight Operation:** Yes, dark field and automatic gain/exposure
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 500 dpi
- **Image Size:** 300*400 pixel (FAP20)
- **Template:** ZKFinger V10.0
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.



»» ZK8500R[MF] (F06020001)

»» ZK8500R[ID] (F06020002)

»» ZK8500R(SilkID) (F06020003)

»» ZK8500R(SilkID)[ID] (F06020004)

ZK8500R	Fingerprint Module	Card Module
Standard	ZK9500	Mifare Card (13.56 MHz)
Fingerprint Module		
Sensor Type	Optical	
Effective Collecting Area	15.24 * 20.32mm	
Fingerprint Algorithm	ZKFinger V10.0	
Template Size	< 2KB	
Mifare Card Module		
Model	M330-L (IC01)	
International Standard	ISO / IEC 14443A	
Card Type	Mifare S50; Mifare S70; Desre; CUP	
ID Card Module		
Model	M210-H-T (EM05)	
International Standard	ISO / EM4001	
Card Type	ID Card	
Other Parameters		
Operating System	Windows /Linux/Android	
Interface Socket	USB 1.1/2.0	
Dimensions	124.5* 102 * 34mm (L*W*H)	

USB Scanner-Palm

»» PV10R (F06010139)

- **Dimensions:** 83*34 (Diameters * Depth±1mm)
- **Interface:** USB 2.0 High Speed
- **Power Requirements:** USB 5V
- **Mating Connector:** Molex51021-0700 (7 pin; 1.25mm)
- **Supported Algorithm:** ZKPalm 12.0
- **Operating Environment:** -10°C ~ 55°C; Humidity: 10% ~ 90%RH
- **Recognition Distance:** 20cm ~ 35cm (recommended)
- **Operating Systems:** Windows 7 or higher, Android 5.1 or higher, Linux
- **Lighting Environment:** Incandescent / LED / natural Light (Indoor)





Embedded Module-Fingerprint



»» SLK20S (F06010155)

- Dimensions (L * W * H): 1.72 * 1.4 * 0.6 inch / 44 * 36 * 16mm
- Capture Dimensions (W * H): 0.6 * 0.8 inch / 15.24 * 20.32 mm
- Sensor Type: Optical
- FRR (False Rejection Rate): <1%
- FAR (False Accept Rate): <0.0001%
- Image Resolution: 500 DPI
- Image Size: 300 * 400 pixel (FAP20)
- Supported Algorithm: ZKFinger V10.0
- Capacity: 8000 templates (up to 10000)
- Matching Speed: 110ms (1:1) / 937ms (1:10,000)
- Operating Systems: Windows 7 or higher, Android 5.1 or higher, Linux
- Power Requirements: USB 5V
- Power Consumption: 130mA (Active) / 70mA (Standby)
- Operating Environment: 0°C ~ 45°C; 10-90% RH (non-condensing)
- Interface: USB 2.0 / UART (115200bps/TTL 3.3V)
- Connector: Molex 51021-0700 (7 pin; 1.25mm)
- Certifications: PIV, STQC, CE, FCC, RoHS



»» SLK20M (F06010031)

- CPU: 280MHz
- Flash: 32 MB
- Water Splash: no damage,make sure it can work
- Power Consumption: 5V:130 - 230MA scanning 5V:75mA idle(waiting for finger)
- Interface Type: Molex 51021-0700(7 pin; 1.25 mm)
- Dimension: 36.2 * 44.2 * 15.85mm(L*W*H)
- Sunlight Operation: YES,dark field and automatic gain/exposure
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 500~1000 dpi
- Image Size: 300 * 400 pixel (FAP20)
- Live Detection: YES
- Template: ZKFinger V10.0; ISO19794-2; ANSI 379
- Certifications: FCC, CE, RoHS, PIV
- Operating Environment: -20 °C ~+50 °C; 90% r.h.

USB Scanner-Finger Vein



»» FPV10R (F01090074)

- Sensor Type: Optical
- Effective Collecting Area: 13.24*15.7mm
- Image Size: 640*480pixel / 320*240pixel
- Image Resolution: 500dpi / 300dpi
- Gray Level: 256
- Interface Socket: USB Type A
- Communication: USB 2.0 / USB1.1
- Power Voltage: 4.8V~5.5V (USB)
- Operating Environment: -20 °C ~ 50 °C; 90% r.h.
- Dimension (L*W*H): 114.6*65.8*63.4 mm

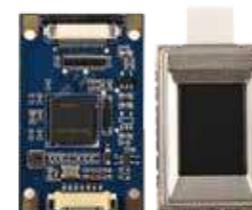
Embedded Module-Finger Vein



»» FPV10M (F06010111)

- Sensor Type: Optical
- Effective Collecting Area: 13.24*15.7 mm
- Image Size : 256*360pixel / 240*320pixel
- Image Resolution: 500dpi / 300dpi
- Gray Level: 256
- Interface Socket: USB Type A
- Communication: USB 2.0 / USB1.1
- Power Voltage: 4.8V~5.5V (USB)
- Operating Environment: -20 °C ~ 50 °C; 90% r.h.
- Dimension (L*W*H): 114.6*65.8*63.4 mm

Embedded Modules-Fingerprint



»» Bio30M (F06010112)

- CPU: 280MHz
- Flash: 32 MB
- Communication: UART (115200bps / TTL3.3V) / USB 2.0
- Power Consumption: 5V:200mA Scanning; 5V:100mA idle (waiting for finger)
- Interface Type: Molex 51021-0700(7 pin; 1.25 mm)
- Dimension: Motherboard: 42.0*26.0*5.08 mm Sensor: 35.0*23.0*3.66 mm
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 508 dpi
- Image Size: 256*360pixel
- Template: ZKFinger V10.0
- Template Size: 1- 4KB (ZKFinger V10.0)
- Operating Environment: -20 °C ~ +50 °C; 90% r.h.



»» Bio31M (F06010113)

- CPU: 280MHz
- Flash: 32 MB
- Communication: UART (115200bps / TTL3.3V) / USB 2.0
- Power Consumption: 5V:200mA Scanning; 5V:100mA idle (waiting for finger)
- Interface Type: Molex 51021-0700(7 pin; 1.25 mm)
- Dimension: Motherboard: 42.0*26.0*5.08 mm Sensor: 35.0*23.0*3.66 mm
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 508 dpi
- Image Size: 208*288pixel
- Template Size: 1- 4KB (ZKFinger V10.0)
- Operating Environment: -20 °C ~ +50 °C; 90% r.h.



Smart Bio-Terminals

Please contact us for order placement.



»» HB510-B[NFC] (X03401084)

»» HB510-FB (X03401085)

»» HB510-F[NFC] (X03401086)

»» HB510-FB[NFC] (X03401087)

- CPU: Quad core 64 bit Cortex A53 1.3GHZ
- RAM: 2GB
- ROM: 16GB
- Display: 5 inch IPS HD screen Corning gorilla touch screen
- Dimension: 170*85*23 mm (±2mm)
- Camera: Rear 8 million pixels, comes with flash, auto focus
- Operating System: Android 5.1.1
- Communication: Wi-Fi, 4G, Bluetooth 4.0
- Interface Socket: USB2.0
- Optional Function: Fingerprint Module / Barcode / NFC
- SDK: Yes
- Power Consumption: 5V 2A
- Battery: 4500mAh Li-polymer
- Sealing: IP65, IEC compliance
- Operating Environment: 0~+50°C; 90% r.h.

USB Scanner-Face

- CMOS: Dual 1/2.7 HDR CMOS sensor
- Resolution: 500 Dpi
- Interface: USB 2.0 High Speed
- Power: USB bus power 5V
- Mating connector: Molex 51021-0700 (7 pin; 1.25mm)
- Operating Temperature: -10°C ~ 55°C
- Operating Humidity: 10% ~ 95%RH
- Dimensions: 60mm * 22mm * 18.3mm
- FAR: 0.1% - 0.001% (selectable)
- Verification Time: < 1 sec
- Algorithm Capacity: 12000 templates
- Recognition Distance: 40cm-80cm(recommended)
- Operating Systems: Windows 7 or higher, Android 5.1 or higher, Linux
- Algorithm Requirement: Quad core CPU 1.5G , 2GB RAM, 40GB HDD
- Certifications: FCC, CE, RoHS



»» FA10MS (F06030010)

USB Scanner-Fingerprint



»» ZK-AFIS 400 (X02104001)

- Active Scanning Window: Flat four fingers up to 3.2" x 3.0" - Two thumbs up to 3.2" x 3.0" - Rolled fingers up to 1.6" x 1.6" - 500 dpi
- Interface: USB 2.0
- Temperature : Storage: from -20°C to +60°C Operating: from +0°C to +50°C
- Image Quality and Formats: FBI IAFIS IQS Appendix F (FAP60) certified; ANSI/NIST-ITL 1-2007/2011;ANSI/NIST-ITL 1-2000; ISO/IEC FCD 19794-4
- Humidity: From 10% to 90% (non-condensing)
- Dimensions: 148 x 152 x 148 mm
- Weight:1.4 Kg
- Supported Operating Systems: Microsoft Windows up to Win10 in 32-bit and 64-bitconfiguration; Linux Ubuntu and Fedora distributions in 32-bit and 64-bit; configuration Android
- Certification: CE, FCC, RoHS, KCC
- IP Rating: IP54

USB Scanner-OCR



»» RS100 (F06030006)

- Machine Readable Zone: ICAO 9303 standard compliant documents: ID-1 (Identity Card); ID-2(Passport, Visa); ID-3(Passport)
- Visual Inspection Zone: Customization based on clients' requirements
- RFID: Read and write contactless ICs according to ISO/IEC 14443-S (Type AB) Read smart card according to ISO/IEC 7816; Support e-passport Basic Access Control (BAC)& Extended Access Control (EAC); Support active / passive authentication
- Barcode:1D: Code 128, Code 39, Interleaved 2 of 5; 2D: PDF 417, QR Code, Data Matrix, Aztec Code
- Resolution: 500 DPI
- Image Format: JPG,BMP,PNG
- Dimension: 175*199*140mm(W*D*H)
- Interface: USB 2.0
- Supported Operation System: Windows 7, 8, 10, Vista, XP (32/64 bit WHQL certied) Windows Server 2003 & 2008 (32/64 bit); Linux Ubuntu, CentOS, RedHat
- Operating Humidity: JPG,BMP,PNG
- Dimension: 20%-95% (non-condensing)
- Operating Temperature: 10°C to 50°C operating -20°C to 50°C storage



Video Surveillance

ZKTeco's Surveillance Department, which is established in 2010, focuses on providing competitive and well-featured security surveillance system including HD analog, IP cameras, powerful VMS platform and ZKTeco private Cloud server.

In 2016, ZKTeco officially launched the cutting-edge dynamic facial recognition camera which enables robust identification and monitoring with long distance and wide-angle detection based on industry-leading intellectualized engineering. So far ZKTeco has provided its valuable clients with a wide range of products including NVR, cameras, industry server and more to meet different consumer needs from commercial level to industrial level.

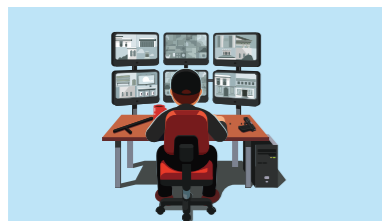
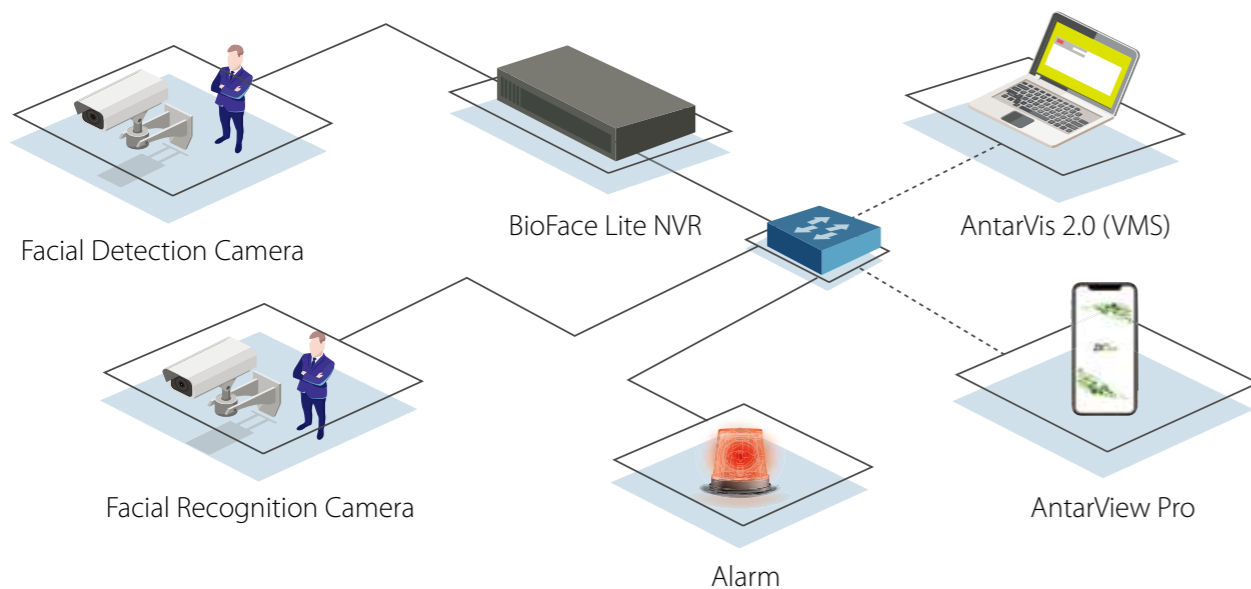
Please contact us for order placement.



BioFace Lite Solution

Based on the deep learning algorithm, BioFace Lite solution provides a simple structure (NVR + IPC) to extract human facial feature, real-time facial snapshots, and a comparison database up to 100,000 face images. This solution is special designed for moving human detection and recognition in small to medium-size scenarios, achieves face recognition and video storage practical application.

Schematic Diagram



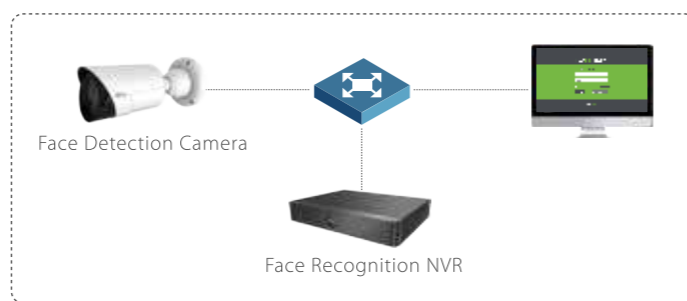
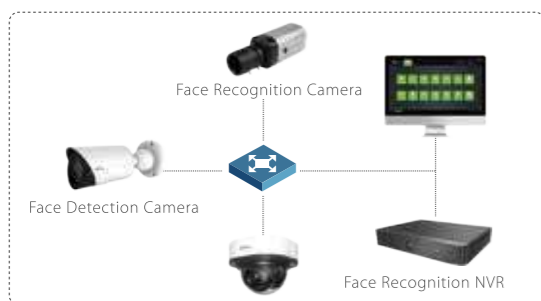
Real-time Monitoring



Video Storage and Remote Access



Alarm Linkage and Data Retrieval



Main Functions

Face Detection

Detect and locate human faces within an image, and returns high-precision face bounding boxes for further recognition. ZKTeco Face Recognition is able to simultaneously recognize 20 different facial templates, which enables you to identify customers including VIP or blacklisted etc.

Facial Attributes

Unconscious access control scheme can extra face related attributes on the detected faces, such as gender, Age, face landmarks, etc. All images can be grouped or classified based on content.

Face Search

Real Time Filtering of Human Faces, Fast Search: use facial or vehicle images to search for related pictures and video information.

Face Recognition

BioFace real-time Face Recognition system is capable of identifying multiple faces in live videos, even under imperfect conditions.

- Rea-time face recognition in complex environments in less than 1 second.
- Speed face registration less than 20 millisecond per template.
- Facial feature recognition meets target criteria with up to 98% accuracy.

Real-Time Alarm

Linkage mode detects a face stored in the blacklist and triggers an alarm, send an email, or takes a snapshot or records for further scrutiny. Different linkage alarm mode can be application to the different face databases.





↳ BioEco Series 2MP IP Camera

»» BS-852K12K



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@20fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, BLC, ROI, PoE
- Metal case, IP67

»» ES-852K11H



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@20fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 2.8mm
- DWDR, 3D DNR, BLC, ROI, PoE
- Metal case, IP67

»» ES-852O21/22B



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 2.8/3.6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» BS-852O22/23B



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» ES-852O21/22C



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» BS-852O22/23C



- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 3.6mm/6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» BL-852O38S



- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67

»» EL-852O38I



- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67

»» DL-852O28B



- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265; IR Range 30m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67, IK10

»» BS-855L12/13B



- 1/2.7" CMOS
- 5MP (2560*1920)@15fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, video analytics, PoE
- Metal case, IP67

»» ES-855L11/12B



- 1/2.7" CMOS
- 5MP (2560*1920)@15fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, video analytics, PoE
- Metal case, IP67



» BioPro Series 2/4/5/8MP IP Camera

» BS-852T22/23C



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

» ES-852T21/22C



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

» BL-852T33S



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- Fixed Lens 6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

» BL-852T45S



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 80m
- Fixed Lens 12mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

» BL-852T48S



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 80m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

» BL-852T50S



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 100m
- 10X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

» EL-852T38I



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

» DL-852T28B



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

» BS-854N22/23C



- 1/3" CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

» ES-854N21/22C



- 1/3" CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Fixed Lens 2.8/3.6mm optional
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

» BL-854N38S



- 1/3" CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 50m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67

» EL-854N38I



- 1/3" CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 50m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67



»» DL-854N28B



- 1/3" CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67, IK10

»» BS-855P22/23C



- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» DL-858M22B



- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» BL-858M48S



- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 80m
- Motorized Lens 3.6~11mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» DL-855P22B



- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Motorized 3.6mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

»» BL-855P48S



- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 80m
- Motorized 2.8-12mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

»» DL-858M28B



- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Motorized Lens 3.6~11mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

»» DL-855P28B



- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Motorized 2.8-12mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

»» BS-858M22/23C



- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67



↳ BioUltra Series IP Camera

»» BL-852Q38A



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 50m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case, IP67

»» FI320



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Box type Camera
- H.264/H.265/H.265+
- Support Face Recognition, 3,000 Face Library
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case

»» DL-858V17C-FS



»» DL-852Q28B



- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 30m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case, IP67

»» FI330



- 1/2" Sony CMOS
- 2MP (1920*1080)@25fps
- Box Type Camera
- H.264 / H.265 / H.265+
- Support Face Recognition, 10,000 Face Library
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case

- 1/1.7" Sony CMOS
- 8MP (3840*2160)@(1-25/30fps)
- H.265/H.264
- IR Range 10-20m
- Low Light/120dB TWDR
- 360 degree panoramic
- Audio/Alarm/RS485/SD card slot/PoE
- Metal case, IP66

↳ IP PTZ

»» PS-52B18F



- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 80m
- Pan speed 0~80°/s & Tilt speed 0~40°/s
- IP66

»» PL-52D18E



- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66

»» PL-52D18E-A



- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1 out Audio, TF card slot
- IP66

»» PS-55B18F



- 5MP 1/2.5" Low Light CMOS
- 10X Optical Zoom
- IR Distance 80m
- Pan speed 0~80°/s & Tilt speed 0~40°/s
- IP66

»» PL-52D18E-M



- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

»» PL-52D36E



- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66



∟ H.265 Non-POE NVR Series

»» PL-52D36E-M



- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

»» PL-52D36E-A



- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Audio, TF card slot
- IP66

»» PL-55D18E



- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66

»» PL-55D18E-M



- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

»» PL-55D18E-A



- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Audio, TF card slot
- IP66

»» KB200 (IP Keyboard)



- ONVIF Profile Compatible
- 3D joystick controller, support setting Presrt, Cruise, P/T/Z etc.
- Plug and Play, DHCP supported IP66

»» Z8504NER



- H.265+
- Max resolution: 4ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

»» Z8508NER



- H.265+
- Max resolution: 8ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

»» Z8516NER



- H.265+
- Max resolution: 16ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

»» Z8516NFR



- H.265+
- Max resolution: 16ch*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x2

»» Z8532NFR



- H.265+
- Max resolution: 32ch*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x2

»» Z8536NMR



- H.265+
- Max resolution: 36ch*4K@25/30fps
- HDMI 4k Output
- 1.5U Case, SATAx4

»» Z8536NHR



- H.265+
- Max resolution: 36CH*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATAx9

»» Z8564NHR



- H.265+
- Max resolution: 64CH*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATAx9



»» Z8564NTR



- H.265+
- Max resolution: 64ch*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

»» Z85128NTR



- H.265+
- Max resolution: 128ch*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

» H.265 POE NVR Series

»» Z8504NER-4P



- H.265+
- 4 channel IP input, 4 PoE Port
- Max resolution: 4ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

»» Z8508NER-8P



- H.265+
- 8 channel IP input, 8 PoE Port
- Max resolution: 8ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

»» Z8516NFR-16P



- H.265+
- 16 channel IP input, 16 PoE Port
- Max resolution: 16ch*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

»» Z8532NFR-16P



- H.265+
- 32 channel IP input, 16 PoE Port
- Max resolution: 16ch*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

» BioFace Lite Face Recognition NVR Series

»» Z8608NF-8F



- H.265+
- 8MP@25/30fps
- 8ch Face recognition or 8ch Regular monitoring
- 50,000pcs Face Templates; 30 faces-sec Match Speed
- 1U Case, SATA x2

»» Z8636NF-16F



- H.265+
- 8MP@25/30fps
- 16ch Face recognition + 20ch Regular monitoring
- 100,000pcs Face Templates; 30 faces-sec Match Speed
- 1U Case, SATA x2

»» Z8536NMR-4F



- H.265+
- 8MP@25/30fps
- 4ch Face recognition + 32ch Regular monitoring
- 5000pcs Face Templates; 30 faces-sec Match Speed
- 1.5U Case, SATA x4

» H.265 POE NVR Kits Series

»» KIT-8504NER-4P/4-BS852011B



- 4pcs 1080p metal bullet IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

»» KIT-8504NER-4P/2-BS852011B/2-ES852011B



- 2pcs 1080p metal bullet+2pcs 1080p eyeball IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional



»» KIT-8504NER-4P/4- BS855L11B



- 4pcs 5MP metal bullet IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

»» KIT-8504NER-4P/2-BS855L11B/ 2-ES852L11B



- 2pcs 5MP metal bullet + 2pcs 5MP eyeball IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

»» BS-32D23C



- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» DL-32D26B



- 1080P 1/2.7" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Manual VF 2.8-12mm
- IP67; IK10

» 1080P HD Analogue Cameras

»» ES-32B11J



- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» BS-32B11A



- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» BL-32D26L



- 1080P 1/2.7" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Manual VF 2.8-12mm
- IP67

»» EL-32C28I



- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67

»» BS-32B11B



- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» ES-32D12C



- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» DL-32C28B



- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67; IK10

»» BL-32C28L



- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67

»» ES-32D11C



- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 2.8mm

»» BS-32D22C



- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

»» DL-32D28B



- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- motorized 3.35-10.5mm
- IP67; IK10

»» BL-32D38A



- 1080P 1/2.9" CMOS
- IR Range: 50m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Motorized 3.35-10.5mm
- IP67



5MP HD Analogue Cameras

»» ES-35J12J



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm

»» ES-35J11J



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm

»» ES-35J12B



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» ES-35J11B



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

»» BS-35J12B



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» BS-35J13B



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

»» ES-35J12H



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» ES-35J11H



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

»» BS-35J12K



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» BS-35J13K



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

»» ES-35J12C



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» ES-35J11C



- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

»» BS-35J22C



- 1/2.5" CMOS
- IR Range 30m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

»» BS-35J23C



- 1/2.5" CMOS
- IR Range 30m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

»» EL-35J28I



- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67

»» DL-35J28B



- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67; IK10



»» BL-35J28L



- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67

» 1080P/5MP HD Analogue PTZ

»» PS-32A10B



- 2MP 1/2.9" CMOS
- 10X Optical Zoom
- Pan speed 0~300°/s & Tilt speed 0~200°/s

»» PS-32C18J



- 2MP 1/2.9" CMOS sensor
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 1~200°/s
- IP66

»» PS-35C18J



- 5MP 1/2.7" CMOS sensor
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 0.1~200°/s
- IP66

»» PL-32C20D



- 2MP 1/2.9" CMOS sensor
- 20X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 0.1~180°/s
- IP66

»» PL-32C33D



- 2MP 1/2.9" CMOS sensor
- 33X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 0.1~180°/s
- IP66

»» PL-35C33D



- 5MP 1/2.7" CMOS sensor
- 33X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 0.1~180°/s
- IP66

»» KB100



- RS485 & RS422 Interfaces
- Support PELCO D/P Protocols
- Each keyboard can control 32 cameras
- 3D joystick controller, support setting Presrt, Cruise, P/T/Z etc.

» H.264 5MP Lite XVR Series

»» Z8304XEC-CL



- 4ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

»» Z8308XEC-CL



- 8ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

»» Z8304XE-CL



- 4ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

»» Z8308XE-CL



- 8ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

»» Z8316XF-CL



- 16ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- 1U Case, SATA x2
- HDMI 1080P Output



∨ H.264 XVR Kits 1080P Lite Series

»» KIT-8304XEC-S/4-BS31A11M



- 4CH 1080p lite DVR+ 4pcs 720p plastic bullet HD analog camera, 2.8mm 4pcs 18m coax cables

»» KIT-8304XEC-S/4-BS31A11B



- 4CH 1080p lite DVR+ 4pcs 720p metal bullet HD analog camera, 2.8mm 4pcs 18m coax cables

»» KIT-8308XEC-SL/8-BS31A11M



- 8CH 1080p lite DVR+ 8pcs 720p plastic bullet HD analog camera, 2.8mm 8pcs 18m coax cables

»» KIT-8308XEC-SL/8-BS31A11B



- 8CH 1080p lite DVR+ 8pcs 720p metal bullet HD analog camera, 2.8mm 8pcs 18m coax cables

∨ H.264 XVR Kits 5MP Lite Series

»» H.264 XVR Kits 5MP Lite Series



- 4CH 5MP LITE DVR+ 4pcs 1080p plastic bullet HD analog camera, 2.8mm 4pcs 18m coax cables

»» KIT-8304XEC-CL/4-BS32B11B



- 4CH 5MP LITE DVR+ 4pcs 1080p metal bullet HD analog camera, 2.8mm 4pcs 18m coax cables

»» KIT-8308XEC-CL/8-BS32B11M



- 8CH 5MP LITE DVR+ 8pcs 1080p plastic bullet HD analog camera, 2.8mm 8pcs 18m coax cables

»» KIT-8308XEC-CL/8-BS32B11B



- 8CH 5MP LITE DVR+ 8pcs 1080p metal bullet HD analog camera, 2.8mm 8pcs 18m coax cables

∨ POE Switch

»» PE04-60



- 4 *10/100BaseT RJ45 Ports (Support PoE)
- 2* 10/100 Mbps Uplink Ports
- Max PoE power output 30W for each port
- IEEE 802.3af, IEEE802.3at POE Standards

»» PE08-120



- 8 *10/100BaseT RJ45 Ports (Support PoE)
- 2* 10/100 Mbps Uplink Ports
- Max PoE power output 30W for each port
- IEEE 802.3af, IEEE802.3at POE Standards

»» PE16-180



- 16*10/100BaseT RJ45 Ports (Support PoE)
- 2*Sets of 10/100/1000M Gigabit Combo Ports
- Total power budget is 250W, max PoE power output is 30W
- IEEE802.1Q VLAN, OoS, ACL, Spanning Tree and Multicast

»» PE24-240



- 24*10/100BaseT RJ45 Ports (Support PoE)
- 2*Sets of 10/100/1000M Gigabit Combo Ports
- Total power budget is 400W, max PoE power output is 30W
- IEEE802.1Q VLAN, OoS, ACL, Spanning Tree and Multicast



Accessories

»» ZK-DM-U0H3-HT4C64



- 4 channel 4K HDMI2.0 Network Decoder
- 4ch 4K@30fps/9ch 3MP@30fps/16ch 1080P@30fps 36ch 720P@30fps/64ch 960H@30fps decoding ability
- Supports H.265/ H.264 video stream formats, 1U Casing
- 5x HDMI output: 1 HDMI Sync Output + 4 HDMI Split Output
- 1/4/9/16/36/64 display split
- 2*2 Screen Spanning Mode
- 1 pair RAC jack, Two-way Audio
- Onvif streaming input
- Remote playback decoding
- CMS/VMS remote control

»» DV3.9x11SR4A-SA1L



- Fujinon C lens, 11-43mm, F1.5, 1/1.8", 8MP,
- Manual Zoom&Focus, Auto Iris.

»» YT3011-3MP



- CS lens, 3.6-11mm, F1.5, 1/1.8", 3MP,
- Manual Zoom&Focus, Auto Iris.

»» ZJ003



- Fit for FI320 / FI330 wall mount bracket.

	Mount	Waterproof Junction box
	Pictures	
BS-K, BS-B, ES-H, BL-L, EH-I	Model	GB01
Mount	Corner Mount	
Pictures		
Model	GB01+MT03	GB01+MT04

	Mount	Corner Mount	Pole Mount
	Pictures		
EZ IP PTZ series PS-F / EZ IP PTZ series PL-E EZ IP PTZ series PL-G	Model	MT01	MT02

	Mount	Pendant Bracket	
	Pictures		
EZ IP PTZ series PL-E EZ IP PTZ series PL-G	Model	PB01	
	Mount	Pendant Bracket	
	Pictures		
EZ IP PTZ series PS-F	Model	PB02	

	Mount	Pendant Bracket		
	Pictures			
Analog PTZ series PS-J	Model	PB04		
	Mount	Pendant Bracket	Pole Mount	Corner Mount
	Pictures			
Analog PTZ series PL-D	Model	PB05	MT05	MT06

Network Cable				
Model	XL500-CPR	XL500-UL	XL600-CPR	XL600-UL
Picture				
Description	CAT 5e, 305m, 4*2*0.50, OFC, OD5.0mm, CPR Dimension: 352mm*353mm*220mm, 10KG	CAT 5e, 305m, 4*2*0.50, OFC, OD5.0mm, UL Dimension: 352mm*353mm*220mm, 10KG	CAT6, 305m, 4*2*0.56, OFC, OD6.0mm, CPR Dimension: 380mm*380mm*245mm, 14KG	CAT6, 305m, 4*2*0.56, OFC, OD6.0mm, UL Dimension: 380mm*380mm*245mm, 14KG

Smart Phone, **Smart Lock**
Your smart phone is now your key.





Bluetooth Locks



»» HBL100B / HBL200B (F03020024 / F03020026)



Features:

- ZKTeco Face Algorithm V7.0, Verification Speed < 1s
- 2.8 Inches Capacitive Screen with Graphical User Interface
- All normal users (other than admin) will be locked out
- Supports Bluetooth for ZK SmartKey
- Low Battery Warning & Illegal Operation Record
- Fit for All Door Open Direction

Material	Zinc Alloy	User Capacity	100
Mortise	American Standard Single Latch German Standard Mortise (optional)	Power Supply	Rechargeable Lithium Battery 8×AA Alkaline Battery (optional)
Communication	BLE4.0	Door Thickness	30-60mm (Standard)
Card Reader	Mifare Card Supported	Temperature	-20 °C—+55 °C
Fingerprint Sensor	Semi-conductor (Silicon) (Only for HBL100)	Dimensions	Front: 86(W)×236(L)×37(D)mm Back: 84(W)×236(L)×38(D)mm



»» AL30B/AL40B (F03040049 / F03040050)



Features:

- Full automatic American standard deadbolt mortise
- Multi-language selection, support English / Spanish / Portuguese
- Automatic locking and unlocking
- Enhanced security by double lock mode

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Deadbolt	Standard Functions	Fingerprint/Passcode/Card/ Phone/Key
Passcode Capacity	100	Fingerprint Capacity	100
MF Card Capacity	100	Power Supply	4*AA Alkaline Battery
Logs Capacity	500	Door Thickness	35-53 mm

»» AL10B/AL10DB (F03040035/F03040037)



Features:

- American standard single latch with adjustable backset (AL10B)
- German standard mortise with one deadbolt and one latch (AL10DB)
- Multi-language selection, support English and Spanish / Portuguese
- Enhanced security by double lock mode
- Voice volume is adjustable, including mute mode
- Low battery warning & illegal operation warning
- Enhanced security by random password for code access

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	Standard Functions	Passcode/Card/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
MF Card Capacity	100	Door Thickness	30-54 mm

»» AL20B/AL20DB (F03040036/F03040038)



Features:

- American standard single latch with adjustable backset (AL20B)
- German standard mortise with one deadbolt and one latch (AL20DB)
- Multi-language selection, support English and Spanish/Portuguese
- Enhanced security by double lock mode
- Voice volume is adjustable, including mute mode
- Low battery warning & illegal operation warning
- Enhanced security by random password for code access

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	Standard Functions	Fingerprint/Passcode/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
Fingerprint Capacity	100	Door Thickness	30-54 mm



>>> DL30B/DL30DB (F03040023/F03040026)



Features:

- Various access for your convenience - card/pin/key/mobile phone
- DIY design to provide easy installation
- Reversible design to accommodate all door open directions
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- German standard mortise with double latch



Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	Standard Functions	Passcode/Card/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
Card Capacity	100	Door Thickness	30-54 mm

>>> TL400B (F03040015)



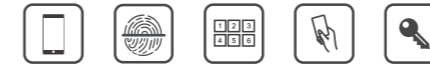
Features:

- Various access for your convenience - card/pin/key/
mobile phone/fingerprint
- Bluetooth low energy technology 4.0
- Voice guidance for easy operation
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- European standard mortise with 5 latches, which can lock the door automatically once the door is closed



Material	Zinc Alloy	Communication	Bluetooth
Mortise	European Standard Mortise	Standard Functions	Fingerprint/Passcode/Card/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
Card Capacity	100	Door thickness	35-54 mm
Fingerprint Capacity	100		

>>> TL300B (F03040055)



Features:

- Fast verification speed for dry and rough finger
- Supports Bluetooth for ZK Smartkey
- Easy to operate, support English, Spanish and Portuguese
- All normal users (other than admin) will be locked out
- New hardware design supports about 3 years of use
- Fit for All Door Open Direction



Material	Zinc Alloy	Language	English / Spanish / Portuguese
Mortise	China Standard Anti-theft Mortise	Power Supply	8xAA Alkaline Battery (Not Supplied)
User Capacity	100	Door Thickness	38-60mm (Standard)
Fingerprint Sensor	Semi-conductor (Silicon)	Dimensions	Front: 78 (W)x340(L)x31(D)mm Back: 78 (W)x340(L)x27(D)mm
Card Reader	Mifare Card Supported	Color Options	Dull Nickel / Black
Communication	BLE4.0		

>>> ML10B / PL10B (F03040001/F03010083)



Features:

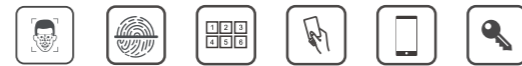
- **Material:** Zinc alloy (ML10B) / Rugged ABS (PL10B)
- **Mortise:** American standard mortise/german double latch mortise
- **User Capacity:** Admin-10, normal user-60, temporary user-20
- **Communication:** Bluetooth
- **Standard Functions:** Support fingerprint/card/phone/key; 125khz ID card reader is optional
- **Power Supply:** 4*AA Alkaline battery
- **Door Thickness:** 30-54 mm





Wireless Locks

>>> HBL100Z/HBL200Z (F03020025/F03020027)



Features:

- ZKTeco Face Algorithm V7.0, Verification Speed < 1s
- 2.8 Inches Capacitive Screen with Graphical User Interface
- All normal users (other than admin) will be locked out
- Supports Zigbee for Alexa
- Low Battery Warning & Illegal Operation Record
- Fit for All Door Open Direction

Material	Zinc Alloy	User Capacity	100
Mortise	American Standard Single Latch German Standard Mortise (Optional)	Power Supply	Rechargeable Lithium Battery 8xAA Alkaline Battery (Optional)
Communication	ZigBee	Temperature	-20 °C—+55 °C
Card Reader	Mifare Card Supported	Door Thickness	30-60 mm
Fingerprint Sensor	Semi-conductor (Silicon) (Only for HBL100)	Dimensions	Front: 86(W)×236(L)×37(D)mm Back: 84(W)×236(L)×38(D)mm

>>> DL30Z (F03040062)



Features:

- Remote Access: Manage the door lock from anywhere via ZSmart App
- Voice Guide: Easy to operate, support English, Spanish and Portuguese
- Smart Alarm: Low Battery Warning & Illegal Operation Record
- Reversible Design: Fit for All Door Open Direction

Material	Zinc Alloy + ABS	Language	English / Spanish / Portuguese
Mortise	American Standard Single Latch German Standard Mortise (Optional)	Power Supply	4xAA Alkaline Battery (Not Supplied)
Card Reader	Mifare Card Supported	Door Thickness	30-54mm (Standard)
Communication	ZigBee	Dimensions	Front: 69(W)×155(L)×35(D)mm Back: 69(W)×155(L)×25(D)mm
User Capacity	100	Color Options	Silver

Standalone Locks

>>> AL30Z/AL40Z (F03070005/F03070006)



Features:

- Full automatic American standard deadbolt mortise
- Multi-language selection, support English / Spanish / Portuguese
- Automatic locking and unlocking
- Enhanced security by double lock mode
- Unlock & lock via echo plus

Material	Zinc Alloy	Communication	Zigbee
Mortise	American Deadbolt	Standard Functions	Passcode/Card/Phone/Key
Passcode Capacity	100	Optional Functions	Remote Control
MF Card Capacity	100	Power Supply	4*AA Alkaline Battery
Logs Capacity	500	Door Thickness	35-53 mm

>>> ZM100 (F03020014)



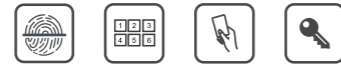
Features:

- Various access for your convenience - face/fingerprint/card/password/key
- Rechargeable lithium battery
- SilkID fingerprint sensor
- 2.8 inch capacitive screen
- Reversible design to accommodate all door open directions
- Idle handle design to prevent from forcible entry
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- Rugged anti-theft mortise with 304 stainless steel material

Material	Zinc Alloy	Fingerprint Capacity	100
Mortise	China Standard Anti-theft Mortise	Standard Functions	Face / Fingerprint / Password / Card / Key
Passcode Capacity	100	Power Supply	Rechargeable Lithium Battery
MF Card Capacity	100	Door Thickness	38-65 mm
Face Capacity	100		



»» L5000 (F03010025)



Features:

- **Material:** Zinc alloy
- **Mortise:** European standard
- **Fingerprint Capacity:** 500
- **Passcode Capacity:** 100
- **Standard Functions:** Support passcode/key; OLED display screen with visual menu; query door open logs
- **Power Supply:** 4*AA Alkaline battery
- **Door Thickness:** 35-54 mm

» Hotel Locks



»» LH1000 (F03030001)



Specification:

- **Mortise Type:** American standard
- **Material:** Stainless steel
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBioclock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm



»» LH3000 (F03030016)



Specification:

- **Mortise Type:** American standard
- **Material:** Stainless steel
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF Cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBioclock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm



»» LH3600 (F03030015)



Specification:

- **Mortise Type:** American standard mortise with 5 latches
- **Material:** Zinc alloy (front); ABS plastic (back)
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBioclock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-55 mm



»» LH4000 (F03030009)



Specification:

- **Mortise Type:** American standard
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF Cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBioclock hotel lock system/ZKBioSecurity
- **Color Options:** Champagne gold
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm



»» LH5000 (F03030012)



Specification:

- **Mortise Type:** American standard
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBioclock hotel lock system/ZKBioSecurity
- **Color Options:** Champagne gold
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm



»» LH6000 (F03030019)



Features:

- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Americian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc alloy	Color Options	Silver
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF Cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	35-54 mm



»» LH6500 (F03030022)



Features:

- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Americian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Black
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	40-50 mm



»» LH6800 (F03030021)



Features:

- Minimalist design
- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest open events
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Americian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Silver
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	35-45mm



»» LH7500 (F03030027)



Features:

- European standard mortise
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	European Standard Mortise	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Black
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF Cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	38-48mm



»» ZL400 (F03030029)



Features:

- ZigBee communication with simple gateway
- With professional all-in-one solution software
- Support real-time remote control
- With advanced 13.56 Mhz Mifare card technology
- With warning beeps in low battery voltage
- American standard mortise with 5 latches

Material	Zinc Alloy
Software	ZKBiosecurity 3.1.5.0 Customized Version
Door Thickness	35-55 mm
Card Type	ISO14443 (RFID) Type-A S50 1KB / S70 4KB

»» Accessories



»» Encoder CR60W (T04010018)

- Write & Read Card
- ZKBioSecurity Software compatible



»» Energy Saving Switch (T04010016/T04010017)

- 85V - 264V
- Delay Time 30 Seconds
- 30A



»» D147-H (X00603035) Encoder



»» RG4100+ (A34220036) Gateway

»» Other Locks



»» GL300 (X01606009)

Glass Door Lock



- Fingerprint; MF; Password
- Door Type: single door / double door



»» Padlock (X00402008/X00402009)

Smart Fingerprint Padlock





POS

With advantages in own supply chain system and production quality, through the integration of advanced product resources, market resources and technical resources, we are leading the renovation of the traditional cashier industry.



POS Terminals



»» ZKBio910 (X02001172)

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 4GB Standard, DDR3L 1333MHz
- **Storage Device:** 64GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:** Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Audio:** Realtek ALC662
- **Type:** 15" TFTLCD, LED Backlight
- **Resolution:** 1024x768
- **Touch Screen:** Projected Capacitive Touch Screen
- **Customer Display:** LED (8C digital tube)
- **Optional:** Facial or Fingerprint Module, MSR,VFD, 10.1" 2nd LCD Display
- **Model Name:** ZKBio910, ZKBio930, ZKBio950



»» ZKBio810 (X02001143)

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 4GB Standard, DDR3L 1333MHz (Max.8GB)
- **Storage Device:** 64GB Msata SSD Standard, 1*2.5" HDD / 2.5" SSD
- **OS:** Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Audio:** Realtek ALC662
- **Type:** 15" TFT LCD, LED Backlight
- **Resolution:** 1024x768
- **Touch Screen:** Five-Wire Analog Resistive or Projected Capacitive
- **Customer Display:** LED(8C digital tube)
- **Optional:** Facial or Fingerprint Module, MSR,VFD, 10.1" 2nd LCD Display
- **Power Supply:** Adaptor 12V DC 5A



»» ZKBio910P

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz
- **Storage Device:** 32GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:** Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Type:** 15" TFTLCD, LED Backlight
- **Touch Screen:** Projected Capacitive Touch Screen
- **Standard:** Bulid-in 80mm thermal printer with ZKP8008
- **Optional:** MSR,VFD, 10.1" 2nd LCD Display
- **Model Name:** ZKBio910P, ZKBio930P, ZKBio950P

»» ZKBio610P

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz
- **Storage Device:** 32GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:** Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Type:** 15" TFTLCD, LED Backlight
- **Touch Screen:** Projected Capacitive Touch Screen
- **Standard:** Bulid-in 80mm thermal printer with ZKP8008
- **Optional:** MSR,VFD, 12.1" 2nd LCD Display
- **Model Name:** ZKBio610P, ZKBio630P, ZKBio650P



»» ZKBio610

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz (Max.8GB)
- **Storage Device:** 32GB SSD Standard, 1*2.5" HDD & 2.5" Mini SSD
- **OS Supported:** Windows 7/8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Display:** 15" Five-Wire Analog Resistive or Projected Capacitive
- **Customer Display:** LED (8C digital tube)
- **Optional:** MSR,VFD, 15" 2nd LCD Display, fingerprint reader
- **Resolution:** 1024x768
- **Model Name:** ZKBio610, ZKBio630, ZKBio650



Android POS Terminal with Built-in 58mm Thermal Printer

»» ZKAIO1000 (X02001161)

- **CPU:** ARM Cortex-A53
- **RAM:** 1GB (Optional 2GB)
- **OS:** Android 6.0/ Linux
- **Display Type:** 11.6" TFT LCD
- **Display Resolution:** 1366x768 Pixel
- **Touch screen:** Multi-point projected capacitive touch screen
- **Internal memory:** 4GB Flash Memory (Optional 8GB)
- **Built-in Printer:** 58mm thermal printer with 90mm/s Speed





Android Tablet POS

»» ZKAIO1500 (X02001179)

- CPU: All-Chi A64 quad-core processor, Clocked 1.6G
- RAM: 1GB (Optional 2GB)
- OS: Android 6.1/ Linux
- Display Type: 10.1" TFT LCD
- Display Resolution: 1280*800 pixels (16:10)
- Touch Screen: Capacitance Touch
- Internal Memory: 8GB Flash Memory
- Viewing Size: 222.72(W)*125.28(H)mm



Biometric Kiosk POS

»» ZKKIO Series (X02007004)

- Processor: RK3288 Quad Core Cortex-A17 GPU Mail-T764
- Memory: DDR3 2G
- Storage: 8GB
- OS Support: Android 7.1
- WiFi: 2.4G supports IEEE 802.11b/g/n
- Bluetooth: Supports Bluetooth 4.0
- Built-in Printer: Built in 58/80mm thermal printer
- Touch: 21.5/32"PCAP touch with multi-touch support
- Resolution: 1920*1080
- Model Name: ZKKIO2100, ZKAIO3200



Smart Handheld POS

»» ZKH200 (X02008001)

- CPU: MTK MT6580 Quad-core Cortex-A7 1.3GHz
- OS: Android 6.0
- RAM: 1GB DDR3
- Flash: 8GB Nand Flash
- LCD Screen: 5.5" HD Screen, Highest Resolution 1280 x 720
- WiFi: WiFi 802.11 b/g/n
- Bluetooth: Bluetooth 4.0
- Built-in Printer: Built in 58mm thermal printer
- NFC: Support Type A and B card

Peripherals

Thermal Receipt Printer



»» ZKP8008 (X02005022)

- Print Method: Direct Thermal Line Printing
- Print Speed: 220mm/sec
- Print Command: Compatible with ESC / POS
- Paper Type: Thermal Receipt Paper
- Optional: USB
- Paper Cutter: Auto Cutter: Full or Partial Cut
- Temperature: 5-45°C
- Contrast Humidity: 10%-80%RH



»» ZKP5801 (A34010756)

- Direct Thermal Line Printing
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS



»» ZKP5808 (X03401259)

- Portable Thermal Receipt Printer
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS



»» ZKP8001 (A34190033)

- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS



»» ZKP8002 (A34190034)

- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS



»» ZKP8003 (X02301003)

- Portable Thermal Receipt Printer
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS



»» **ZKP8004** (X02302001)



- Portable Label Printer
- 60mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

»» **ZKP8005** (A34200026)



- Wall-mounted thermal printer
- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

»» **ZKP8006** (X02302002)



- Desktop Label Printer
- 160mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

Touch Monitor

»» **ZKD15 Series** (A34190020)



- 15" TFT LCD Panel
- 5 wires touch screen
- 12V 3A
- Support VGA input format
- Foldable Touch Monitor
- Model:ZKD1502, ZKD1503


»» **ZKD17 Series** (A34190026)



- 17" TFT LCD Panel
- 5 wires touch screen
- 12V 3A
- Support VGA input format
- Foldable Touch Monitor
- Model:ZKD1702, ZKD1703


Cash Drawers

»» **ZKC0408** (X03401107)



- With 4 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Lock


»» **ZKC0508** (X03401116)



- With 5 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Lock

Barcode Scanners

»» **ZKB104** (X02004007)




- 1D barcode scanner
- 650nm laser diode
- Provides RS232+USB interface

»» **ZKB105** (X03401139)




- 1D barcode scanner
- LED (635nm)
- Provides RS232+USB interface

»» **ZKB106** (X03401324)




- 1D Wireless barcode scanner
- 650 nm visible laser
- Provides USB interface

»» **ZKB107** (X03401143)



- 1D Wireless barcode scanner
- Provides RS232+USB interface
- 32-bit dual-chip decoding CPU

»» **ZKB108** (X03401145)




- 1D Wireless barcode scanner
- 650 nm visible laser
- Provides USB interface

»» **ZKB200** (X02004001)




- 2D Hand-held Barcode Scanner
- Provides RS232+USB interface

»» **ZKB203** (X03401142)



- 2D Wireless Barcode Scanner
- Provides RS232+USB interface

»» **ZKB204** (X03401144)



- 2D Barcode Scanning Platform
- Provides RS232+USB interface

ECO

Eco-products are one of the business of ZKTeco.

With hybrid bio-identification as the core, we focus on our products and strive to create an eco-product system that provides customers with one-stop product procurement and services, including OA/ time management products, security inspection products, security products, entrance control products, biometrics products, video surveillance, peripheral products and more.





↳ Eco Products-Video Door Phones



»» VDPI-A1 (indoor)

X00604003(ZKTeco brand)(CE)
X00604007(ZKTeco brand)(BS)
X00604008(ZKTeco brand)(UL)
X00604019(Blank brand)(CE)
X00604020(Blank brand)(BS)
X00604021(Blank brand)(UL)

- **Display:** 4.3 inch digital LCD
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Consumption (Working Mode):** 7W (Max.), 1.5W (stand by)
- **Audio:** 300mVp-p (1KHz, 300Ω)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)



»» VDPI-A2 (indoor)

X00604004(ZKTeco brand)(CE)
X00604009(ZKTeco brand)(BS)
X00604010(ZKTeco brand)(UL)
X00604022(Blank brand)(CE)
X00604023(Blank brand)(BS)
X00604024(Blank brand)(UL)

- **Display:** 4.3 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Consumption (Working Mode):** 9W (ax.), 1.5W (stand by)
- **Audio:** 300mVp-p (1KHz, 300Ω)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)



»» VDPI-B1 (indoor)

X00604005(ZKTeco brand)(CE)
X00604011(ZKTeco brand)(BS)
X00604012(ZKTeco brand)(UL)
X00604025(Blank brand)(CE)
X00604026(Blank brand)(BS)
X00604027(Blank brand)(UL)

- **Display:** 7 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 13.5V DC
- **Power Consumption (Working Mode):** 7W (ax.), 1W (stand by)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +50°C
- **Storage Temperature:** -20°C to +70°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)



»» VDPI-B2 (indoor)

X00604006(ZKTeco brand)(CE)
X00604013(ZKTeco brand)(BS)
X00604014(ZKTeco brand)(UL)
X00604028(Blank brand)(CE)
X00604029(Blank brand)(BS)
X00604030(Blank brand)(UL)

- **Display:** 7 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Consumption (Working Mode):** 9W (ax.), 1.5W (stand by)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)



»» VDP01 (outdoor)

X00604001(ZKTeco brand)
X00604017(Blank brand)

- **Camera:** 1/4 inch CMOS color, 700TVL
- **Material:** Aluminium alloy+stainless steel/PC
- **Viewing Angle:** 110°
- **Night Vision:** LED white light
- **Minimum Illumination:** 0 LUX (0.5 meter)
- **Water Proof:** IP66
- **Power Supply:** DC 11V-13V
- **Power Consumption (working mode):** 2.5W (ax.), 1W (stand by)
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)
- **Installation:** Surface mount
- **Dimension:** 133.2*48*15.5mm
- **Working Temperature:** -25°C to +60°C
- **Storage Temperature:** -30°C to +60°C



»» VDP02 (outdoor)

X00604002(ZKTeco brand)
X00604018(Blank brand)

- **Camera:** 1/4 inch CMOS color, 700TVL
- **Material:** Metal
- **Viewing Angle:** 53°
- **Night Vision:** LED white light
- **Minimum Illumination:** 0 LUX (0.5 meter)
- **Water Proof:** IP44
- **Power Supply:** DC 11V-13V
- **Power Consumption (Working Mode):** 2.5W (ax.), 1W (stand by)
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5)
100m (RVV3*0.5+SYV75-3)
- **Installation:** Surface mount
- **Dimension:** 160*48*29mm
- **Working Temperature:** -25°C to +60°C
- **Storage Temperature:** -30°C to +60°C

↳ Eco Products-Electromagnetic Locks



»» LM-1802 X01601007 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L*38.5W*21H mm
- **Armature Plate dimensions:** 130L*33W*11H mm
- **Holding Force:** 180Kg (350Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10~+55°C (14-131F)
- **No LED, 2 Wires:** Power (+/-)
- **Weight:** 1.07kg



»» LM-1805 X01601008 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L*38.5W*21H mm
- **Armature Plate Dimensions:** 130L*33W*11H mm
- **Holding Force:** 180Kg (350Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10~+55°C (14-131F)
- **No LED, 5 Wires:** Power (+/-),
Door Sensor (NO/NC/COM)
- **Weight:** 1.07kg



»» LM-2802 X01601009 (ZKTeco Brand)

- Working Mode: Power-on to lock
- Lock Dimensions: 250L*47W*25.5H mm
- Armature Plate Dimensions: 180L*38W*11H mm
- Holding Force: 280Kg (600Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Power Light, 2 Wires: Power (+/-)
- Weight: 1.9kg



»» LM-2805 X01601010 (ZKTeco Brand)

- Working Mode: Power-on to lock
- Lock Dimensions: 250L*47W*25.5H mm
- Armature Plate Dimensions: 180L*38W*11H mm
- Holding Force: 280Kg (600Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Working State Light, 5 Wires: Power (+/-), Door Sensor (NO/NC/COM)
- Weight: 2.0kg



»» AL-180 X03401176

- Working Mode: Power-on to lock
- Voltage: DC12V input
- Holding Force: 150Kg
- Weight: 1.07kg
- Size: 166*21*41mm



»» AL-180M X03401151

- Working Mode: Power-on to lock
- Voltage: DC12V input
- Holding Force: 150Kg
- Weight: 1.07kg
- Size: 198*21*35mm



»» AL-180D X03401156

- Working Mode: Power-on to lock
- Voltage: DC12V input
- Holding Force: 150Kg*2
- Weight: 1.07kg
- Size: 332*21*41mm



»» LM-3502 X01601011 (ZKTeco Brand)

- Working Mode: Power-on to lock
- Lock Dimensions: 246L*56.5W*27.5H mm
- Armature Plate Dimensions: 158L*43W*11H mm
- Holding Force: 350Kg (800Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Power Light, 2 Wires: Power (+/-)
- Weight: 2.16kg



»» LM-3505 X01602005 (ZKTeco Brand)

- Working Mode: Power-on to lock
- Lock Dimensions: 246L*56.5W*27.5H mm
- Armature Plate Dimensions: 158L*43W*11H mm
- Holding Force: 350Kg (800Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Working State Light, 5 Wires: Power (+/-), Door Sensor (NO/NC/COM)
- Weight: 2.16kg



»» AL-280 (LED) X03401177

- Working Mode: Power-on to lock
- Voltage: DC12V input
- Holding Force: 270Kg
- Weight: 1.97kg
- Size: 253*25*48mm



»» AL-280D (LED) X03401157

- Working Mode: Power-on to lock
- Voltage: DC12/24V input
- Holding Force: 270Kg*2
- Weight: 3.90kg
- Size: 506*25*48mm



»» AL-350 (LED) X03401178

- Working Mode: Power-on to lock
- Voltage: DC12/24V input
- Holding Force: 300Kg
- Weight: 3.90kg
- Size: 253*28*55mm



»» AL-350D (LED) X03401158

- Working Mode: Power-on to lock
- Voltage: DC12/24V input
- Holding Force: 300Kg*2
- Weight: 4.92kg
- Size: 506*28*55mm



»» AL-500D (LED) X03401192

- Working Mode: Power-on to lock
- Voltage: DC12/24V input
- Holding Force: 500Kg*2
- Weight: 8.96kg
- Size: 560*38*70mm



»» LM-5002 X01601018 (ZKTeco Brand)

- Working Mode: Power-on to lock
- Lock Dimensions: 265L*74.7W*39H mm
- Armature Plate Dimensions: 185L*60W*16H mm
- Holding Force: 500Kg (1200Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Power Light, 2 Wires: Power (+/-)
- Weight: 4.33kg



»» LM-5005 X01601020 (ZKTeco Label)

- Working Mode: Power-on to lock
- Lock Dimensions: 265L*74.7W*39H mm
- Armature Plate Dimensions: 185L*60W*14H mm
- Holding Force: 500Kg (1200Lbs)
- Current Draw: 420mA@12V
- Surface Temp: ≤+20°C
- Operating Temp: -10~+55°C (14-131F)
- With LED Working State Light, 5 Wires: Door Sensor (NO/NC/COM)
- Weight: 4.33kg

»» Eco Products-Electric Cabinet Locks



»» AL-400 X03401232

- Electric Lock For Storage Box
- Power Supply: DC12V 0.2A
- Dimension: 54.5*41*28mm



»» PLL100

- Electric Lock For Storage Box
- Material: Nickel-plated Iron
- Specifications: 97.5*38*28 (include pull-tab)
- Voltage: DC12V(±10%)
- Current: 0.8A



↳ Eco Products-Electric Strike Locks



»» LB-12 X01602006 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 204L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power(+/-)
- **Concealed Installation**



»» LB-22 X01602007 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-)
- Support Time Delay: 0, 3, 6sec
- **Concealed installation**



»» LB-35 X01602008 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC/COM)
- **Concealed installation**



»» AL-130N0/NC X03401221/X03401202

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V
- **Working Current:** 240mA

- **Holdind Force:** 250Kg
- **Weight:** 0.37kg
- **5 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC/COM)
- **Suitable For:** Wooden door



»» AL-131N0/NC X03401207/X03401208

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V

- **Holdind Force:** 250Kg
- **Weight:** 0.38kg
- **Suitable For:** Metal door
- **Working Current:** 240mA



»» AL-132N0/NC X03401216/X03401217

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V

- **Holdind Force:** 400Kg
- **Weight:** 0.41kg
- **Suitable For:** Metal door
- **Working Current:** 240mA

↳ Eco Products-Electric Locks



»» LL-01 X01601014

- **Working Mode:** Power-on to lock (NC)
- **Size:** 129.8L*105.8W*39.2H mm
- **Working Voltage:** DC12V
- **Working Current:** 1.5-3A
- **Weight:** 1.46kg
- **Single Cyclinder, Roll Latch**



»» LL-02 X01601015

- **Working Mode:** Power-on to lock (NC)
- **Size:** 128L*96W*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.5kg
- **Single Cyclinder, Roll Latch**



»» LL-03 X01601016

- **Working Mode:** Power-on to lock (NC), Support ID card unlock
- **Size:** 128L*96W*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.6kg
- **Single Cyclinder, Roll Latch**

↳ Eco Products-Electric Lock Brackets



»» LMB-180U X01603001

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130*43*28 mm
- **Weight:** 0.32kg



»» LMB-180L X01603002

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 170*50*30 mm
- **Weight:** 0.3kg



»» LMB-180Z X01603003

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130*50*50 mm
- **Weight:** 0.54kg



»» LMB-180ZL X01603004

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-180Z+LMB-180L
- **Weight:** 0.84kg



»» LMB-280U X01603005

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180*43*28 mm
- **Weight:** 0.42kg



»» LMB-280L X01603006

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 250*50*30 mm
- **Weight:** 0.32kg



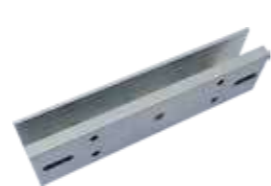
»» LMB-280Z X01603007

- Suitable For: LM-2802, LM-2805
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 180*50*50 mm
- Weight: 0.56kg



»» LMB-280ZL X01603008

- Suitable For: LM-2802, LM-2805
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: LMB-280Z+LMB-280L
- Weight: 0.88kg



»» LMB-350U X01603009

- Suitable For: LM-3502, LM-3505
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 180*43*28 mm
- Weight: 0.42kg



»» AL-180PU/AL-280PU/AL-350PU
X03401179/X03401180/X03401168

- Suitable For: AL-180, AL-280, AL-180D, AL-280D, AL-350, AL-350D
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



»» AL-180PL/AL-280PL/AL-350PL
X03401181/X03401182/X03401183

- Suitable For: AL-180, AL-280 (LED), AL-350 (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



»» LMB-350L X01603010

- Suitable For: LM-3502, LM-3505
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 158*50*50 mm
- Weight: 0.32kg



»» LMB-350Z X01603011

- Suitable For: LM-3502, LM-3505
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 158*50*50 mm
- Weight: 0.61kg



»» LMB-350ZL X01603012

- Suitable For: LM-3502, LM-3505
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: LMB-350Z+LMB-350L
- Weight: 0.93kg



»» AL-180DPL/AL-280DPL/AL-350DPL
X03401172/X03401187/X03401171

- Suitable For: AL-180D, AL-280D (LED), AL-350D (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



»» AL-180PZ/AL-280PZ/AL-350PZ
X03401184/X03401185/X03401186

- Suitable For: AL-180, AL-280 (LED), AL-350 (LED), AL-280D (LED), AL-350D (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



»» LMB-500L X01601021

- Suitable For: LM-5002, LM-5005
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 266*92*51 mm
- Weight: 0.52kg



»» LMB-500Z X01601022

- Suitable For: LM-5002, LM-5005
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: 185*70*60.5 mm
- Weight: 0.83kg



»» LMB-500ZL X01601023

- Suitable For: LM-3502, LM-3505
- Opening Mode: 90 degree door
- Material: anodized aluminum
- Size: LMB-500Z+LMB-500L
- Weight: 1.35kg

» Eco Products-Door Closers



»» DC4065 X01604001

- Size: 168L*63H*41.5Wmm
- Door Weight: 40KG-65KG
- Door Width: ≤950mm
- Weight: 1.27 Kg



»» DC6085 X01604002

- Size: 206L*68H*44.5Wmm
- Door Weight: 60KG~85KG
- Door Width: ≤1050mm
- Weight: 1.84 Kg



»» DC80120 X01604003

- Size: 226L*72H*44.5Wmm
- Door Weight: 80KG~120KG
- Door Width: ≤1200mm
- Weight: 1.99 Kg



»» LBB-2 X01603013

- Suitable For: LB-12, LB-22, LB-35
- Opening Mode: 180 degree door
- Material: anodized aluminum
- Size: 93L*49W*38H mm
- Weight: 0.35kg
- Fully Frameless Glass Door: Glass Thickness 10-15CM



»» UBB-1 X01603014

- Suitable For: LB-12, LB-22, LB-35
- Opening Mode: 180 degree door
- Material: anodized aluminum
- Size: 93L*49W*38H mm
- Weight: 0.72kg
- Fully Frameless Glass Door: Glass Thickness 12-15CM



(ZKTeco brand)
»» DC4065L X02118004

- Size: 182L*60.5H*40.5Wmm
- Door Weight: 40KG-65KG
- Door Width: ≤950mm
- Weight: 1.30 Kg



(ZKTeco brand)
»» DC6085L X01604005

- Size: 188L*70H*53.9Wmm
- Door Weight: 60KG~85KG
- Door Width: ≤1050mm
- Weight: 1.75 Kg



(ZKTeco brand)
»» DC80120L X01604006

- Size: 208L*74H*41.8Wmm
- Door Weight: 80KG~120KG
- Door Width: ≤1200mm
- Weight: 1.90 Kg



↳ Eco Products-Exit Buttons



- »» **EB1** X01501013
- Wires: NO/NC/COM
 - Size: 70*14*20mm
 - Working Mode: touch



- »» **EB2** X01501010
- Wires: NO/NC/COM, with Blue/Green Light
 - Size: 86*50*21mm
 - Working Mode: touch sensor



- »» **EB3** X01501011
- Wires: NO/NC/COM, with Blue/Green Light
 - Size: 86*86*21mm
 - working Mode: touch sensor



- »» **EX803A** X02115001
- Wires: NO/COM
 - Size: 68L*32W*25T mm



- »» **EX806B** X01501022
- Wires: NO/NC/COM,with key
 - Size: 90*90mm
 - working Mode: with key



- »» **K08** X03401224
- Wires: NO/COM
 - Size: 86L*86W*20T mm



- »» **TLEB101** X01501054
- Wires: NO/NC/COM relay output
 - Size: 86L*86W mm
 - Working Mode: Non-touch/ Touch free Exit sensor



- »» **TLEB102** X01501055
- Wires: NO/NC/COM relay output
 - Size: 115L*70W mm
 - Working Mode: Non-touch/ Touch free Exit sensor



- »» **EB101** X01501048(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2/LED1/LED2
 - Size: 115L*40W*28.6H mm
 - Working Mode: DC 12-24V/5A



- »» **EB102** X01501049(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2/LED1/LED2
 - Size: 115L*40W*28.6H mm
 - Working Mode: DC 12-24V/5A



- »» **EB103-G** X01501050(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2
 - Size: 115L*70W*35H mm
 - Working Mode: DC 12-24V/5A



- »» **EB103-R** X01501051(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2
 - Size: 115L*86W*38.5H mm
 - Working Mode: DC 12-24V/5A



- »» **EX800A** X01501016
- Wires: NO/COM
 - Size: 86L*50W*20T mm



- »» **EX800B** X01501017
- Wires: NO/COM
 - Size: 86L*86W*20T mm



- »» **EX-800BC** X03401233
- Wires: NO/NC/COM
 - Size: 86L*86W*20T mm



- »» **EB104-G** X01501052(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2
 - Size: 86L*86W*38.5H mm
 - Working Mode: DC 12-24V/5A



- »» **EB104-R** X01501053(ZKTeco Brand)
- Wires: NO/NC/COM1/COM2
 - Size: 86L*86W*38.5H mm
 - Working Mode: DC 12-24V/5A



- »» **EX801A** X01501018
- Wires: NO/COM
 - Size: 91L*28W*20T mm



- »» **EX801B** X01501019
- Wires: NO/COM
 - Size: 86L*86W*20T mm



- »» **EX802** X01501015
- Wires: NO/COM
 - Size: 86L*86W*20T mm



- »» **ED101** X01501039
- Material: Metal Material
 - Size: 86L*86W*38Hmm
 - Working mode: 86 standard box



- »» **ED102** X01501040
- Material: Metal Material
 - Size: 115L*70W*31Hmm
 - Working mode: Single gand box



↳ Eco Products-Power Supply



»» P1203-A1
X01701026(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentary Current:3A,Persistent Current:1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.05 Kg



»» P1203-A2
X01701020 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.05 Kg



»» P1205-A2
X01701021 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 182*79*61mm
- **Weight:** 1.37 Kg



»» PS901B/110V
X01701040(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentary Current:3A,Persistent Current:1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg



»» PS901B/220V
X01701038(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentary Current:3A,Persistent Current:1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg



»» PS902B/110V
X01701041(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentary Current:5A,Persistent Current:2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg



»» P1203-B1
X01701022 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg



»» P1203-B2
X01701023(ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg



»» P1205-B1
X01701024 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212*168*71mm
- **Weight:** 1.81 Kg



»» PS902B/220V
X01701039(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentary Current:5A,Persistent Current:2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg



»» P1205-B2
X01701025 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg



»» PS901
X01701042(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentary Current:3A,Persistent Current:1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.06 Kg



»» PS902
X01701043(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentary Current:5A,Persistent Current:2A
- **Size:** 182*79*61mm
- **Weight:** 1.37 Kg

↳ Eco Products-Other Accessories



»» AS603 X03401269

- **Operating Voltage:** 12VDC



»» AS626 X03401270

- **Operating Voltage:** 12VDC



»» AS31 X03401273

- **Operating Distance:** 11-21mm
- **Switch Putput:** NC



»» AS32 X03401271

- Operating Distance: 13-23mm
- Switch Putput: NC



»» AS36 X03401274

- Operating Distance: 30-50mm
- Switch Putput: NC



»» AS57 X03401272

- Operating Distance: 30-50mm
- Switch Putput: NC
- Apply For: Steel door



»» Door Loop X03401134

- Size: 60mm*φ13mm
- Shape: Corrugated pipe+ Square port
- Apply For: Steel door



»» RM01 X03401174

- The Driving Voltage: DC 12V
- Contact Capacity: 10A 250VAC/10A 125VAC/10A 30VDC/10A 28VDC
- Relay Output Module



»» ZKABK-900A

- X01501020(Green)
- X01501021(Red)
- Color: Green
- Apply For: Emergency break glass

»» Eco Products-Patrol system



»» P10

X00610001 X00610004(UL)
X00610005(CE) X00610006(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L*60H*165W



»» P20

X00610002 X00610007(UL)
X00610008(CE) X00610009(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L*60H*165W



»» P30

X00610003 X00610010(UL)
X00610011(CE) X00610012(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L*60H*165W
- Time display: only can show the time information



»» ZKLT-E

X00602015(ZKTeco brand)

- Description: ID card, TK4100D with code print
- Size: Ø30 mm
- Meteral: ABS

»» Eco Products-Card Printers



»» ZKCP100 X00206001

Accepted Card Size	CR-80 (53.98*85.6mm)
Accepted Card Thickness	0.25-1.00mm (10-40mil)
Accepted Card Type	PVC or polyester cards with polished PVC finish
Input Hopper Card Capacity	100 cards (0.76mm/30mil)
Output Hopper Card Capacity	50 cards (0.76mm/30mil)
Dimension (W*H*D)	198*204*354 mm/7.8*8.03*13.94 inch
Description	Capable Dual-sided Full Color ID Card Printer: High efficiency and fast printing Compact and low noise: Card printing Capacity High Capacity input



»» Flip Module

X00206003

- Apply For: ZKCP100
- Description: Flipper module (For dual-sided printing)



»» Full Color Ribbon

X00206002

- Apply For: ZKCP100
- Description: Full YMCKO Ribbon, 400 prints Ribbon



»» Semi-Grid Ribbon

X00206012

- Apply For: ZKCP100
- Description: 1/2 panel YMCKO 560 prints Ribbon



»» Original Black Ribbon

X00206007

- Apply For: ZKCP100
- Description: Resin black 1000 prints Ribbon



»» Original White Ribbon

X00206009

- Apply For: ZKCP100
- Description: Resin white 1000 prints Ribbon



↘ Eco Products-ID/IC Cards



»» ID Thin Card

X00101001

- **Description:**TK4100D,blank card without code
- **Size:** 85.5*54*0.86mm



»» ID Thin Card

X00101002

- **Description:**TK4100D,blank card with code
- **Size:** 85.5*54*0.86mm



»» ID Thin Card

X00101011

- **Description:** TK4100D,Matte, blank card without code
- **Size:** 85.5*54*0.86mm



»» ID Thin Card

X00101023

- **Description:**TK4100D, blank card with code, Matte with hole
- **Size:** 85.5*54*0.92mm



»» ID Thin Card

X00101010

- **Description:** TK4100D,blank card with code
- **Size:** 85.5*54*0.86mm



»» ID Thin Card

X00101070

- **Description:** TK4100,10 code,with hole
- **Size:** 85.6*54*0.84mm



»» ID Thin Card

X00101023

- **Description:** TK4100D, blank card with code, matte 10 bit code
- **Size:** 85.6*54*0.84mm



»» ID Thin Card

X00101013

- **Description:** TK4001D, blank card with code, with hole
- **Size:** 85.5*54*0.86mm



»» ID Thick Card

X00101054

- **Description:** EM4200,long range, 18 digits code with hole long distance 0.8m reading (KR1000E)
- **Size:** 41*33*4.3mm



»» ID Thick Card

X00101004

- **Description:** TK4100D, blank card without code
- **Size:** 85.5*54*1.85mm



»» ID Thick Card

X00101051

- **Description:** TK4100D 18 digits code with hole
- **Size:** 41*33*4.3mm



»» ID Thick Card

X00101003

- **Description:** TK4100D, blank card with code
- **Size:** 85.5*54*1.85mm



»» IC Thin Card

X00102007

- **Description:** Fudan M1, FM11RF08, Matte, blank card with code
- **Size:** 85.5*54*0.86mm



»» IC Thin Card

X00102001

- **Description:** Fudan 1K, FM11RF08, blank card without code
- **Size:** 85.5*54*0.86mm



»» IC Thin Card

X00102008

- **Description:**FudanM1,FM11RF08, Matte, blank card without code
- **Size:** 85.5*54*0.86mm



»» IC Thin Card

X00102002

- **Description:** Fudan 1K,FM11RF08, blank card with code
- **Size:** 85.5*54*0.86mm



»» IC Thin Card

X00102043

- **Description:** NXP S50 blank card without code
- **Size:** 86*54*0.86mm



»» IC Thin Card

X00102013

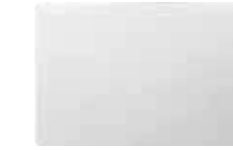
- **Description:** NXP Mifare S50, 1k, blank card with code
- **Size:** 85.5*54*0.84mm



»» IC Thin Card

X00102014

- **Description:** NXP Mifare S50, 1k, blank card without code
- **Size:** 85.5*54*0.84mm



»» DESFire Thin Card

X00103003

- **Description:** D81 8K Blank card
- **Size:** 85.5*54*0.84mm



»» DESFire Thin Card

X00102012

- **Description:** NXP-Desfire EV2 4k,blank card with code
- **Size:** 86*54*0.84mm



»» DESFire Thin Card

X00102011

- **Description:** NXP-Desfire EV1 4k,blank card with code
- **Size:** 85.5*54*0.84mm



»» DESFire Thin Card

X00102009

- **Description:** NXP-Desfire EV1 4k,blank card without code
- **Size:** 85.5*54*0.84mm



»» DESFire Thin Card

X00102010

- **Description:** NXP-Desfire EV2 4k,blank card without code
- **Size:** 85.5*54*0.84mm



»» ICLASS card

X00102026

- **Description:** 2080PMSMV Thick card with code
- **Size:** 85.6*54*1.8mm



»» HID Thick Card

X00101075

- **Description:** 1326LMSMV blank card with code
- **Size:** 86*55mm*0.2mm



»» HID Thin Card

X00101076

- **Description:** 1386LMSMV blank card
- **Size:** 86*54*0.76mm



»» ID Tag

X00101043

- **Description:** TK4100D,Black, with code
- **Size:** 40*30*4mm



»» ID Tag

X00101005

- **Description:** TK4100D,blue, with code
- **Size:** 40*30*4mm



»» MF Tag

X00102027

- **Description:** S50,gray, with code
- **Size:** 40*30*4mm



»» MF Tag

X00102028

- **Description:** S50,black, with code
- **Size:** 40*30*4mm



»» IC Wristbands

X00102022

- **Description:** F08, Blue, Silicone
- **Size:** 240*31*19mm



»» ID Wristbands

X00101026

- **Description:** TK4100D, blue, Silicone
- **Size:** 41*33*4.3mm



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For more information on our branches and products, please visit our website:

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