DHI-VTSS5000

Video Talk SIP Server

Introduction

VTSS5000 is an all-in-one server that is composed of Dahua video talk management, video management system, center storage, operating system and hardware. It is smart and easy to deploy and operate.

VTSS5000 provides the best level of support while maintaining an easy-to-use interface for operators and technicians. Features include: user rights management, device management, 2-way video talk between VTO and control center, 2-way audio talk between VTH and control center, transfer the call from VTH to mobile, card and fingerprint management, alarm management, center storage, and other advanced features.

Features

System Stability
· Embedded Linux System, C/S Architecture
· Support 7*24 stable operation

High Compatibility
· Compatible with all Dahua devices: VDP devices, network camera, network speed dome, NVR, DVR, etc.
· Connect third-party SIP phone via standard SIP protocol
· Connect third-party devices via standard ONVIF protocol

High Flexibility and Stability
· Support unlimited accounts management, 50 online users and 100 roles, unlimited mobile users
· Support 256 Encoder Channels
· Support 5000 VDP ID(up to 256 VTO)
· Support 50 ONVIF devices

Main Functions

· Manages the devices and users for the different organization
· Assigns different camera range, active period and business modules for different user
· 2-way video talk between VTO and control center
· 2-way audio call between VTH/SIP phone and control center
· VTH and SIP phone group call
· Push notification to VTH
· Forwards video talk call from VTH to mobile phone
· Control center and mobile phone remote unlock
· Sip phone remote unlock by the password
· All-in-one card and fingerprint authority management
· Video monitor in VTH, control center and mobile phone
· Live view, PTZ control, snapshot, instant playback, customized layout
· Playback the records from the front-end devices or center
· Supports Emap (Google, Raster Map)
· Supports alarm link to Email (Yahoo、Gmail、Hotmail)

DHI-VTSS5000

Performance Specification

System

Main Processor	64 bit 4 core CPU
Operating System	Embedded Linux
Memory	4GB
Chassis	1.0mm SGCC steel plate

Interface

Network Port	4 RJ-45 Ports （10/100/1000Mbps）
Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
RS232	Reserved
RS485	Reserved(reusable with alarm port)
Alarm input/output	Reserved(reusable with alarm port)
USB Port	Front panel: 2× USB 3.0, Rear panel: 2 × USB 2.0
HDMI	2 HDMI, one as network config, another as spare
VGA	1 VGA, as network config
HDD Installation	Built-in 1× 1T HDD disk (2.5") for system Support 3HDD disks (2.5") for Video &Picture storage

Video Management

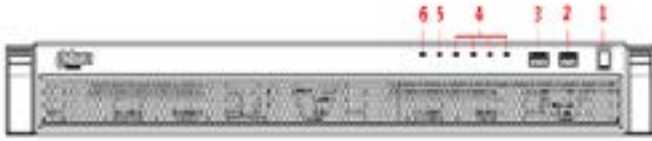|	
Video Channels Per Server	256
Clients Per System	50 Online Users
Numbers of Users	Unlimited
Numbers of Roles	100
Bandwidth of Video Input per Server	300 Mbps
Bandwidth of Video Output per Server	300 Mbps
Alarm Inputs	Process 20 channel alarm per second

Video Talk

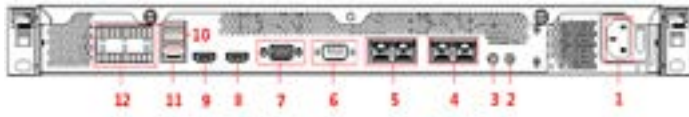|	
VDP ID	5000 (up to 256 VTO)
Video Talk At The Same Time	Up to 100
Alarm Inputs And Door Opens Information	20/s (Average) 80/s (Peek)

Other

Power	100V ~ 240V, 47 ~ 63Hz
Consumption	35W ~ 50W (with HDD)
Working Environment Temperature	0℃~ 50℃
Working Environment Humidity	5%~90% (non-condensation)
Storage Environment Temperature	-20℃~ +70℃
Storage Environment Humidity	5% ~ 90% (non-condensation)
Working Altitude	-60m ~ 3000m
Weight (Without Package)	4.5Kg
Dimension	1U, 440mm×398.6mm×43.6 mm
Installation Method	Standard 19" rack installation

DHI-VTSS5000

Physical Interface

1- Power Button	4- HDD Status
2- USB 3.0	5- Alarm Indicator
3- USB 3.0	6- Network Indicator

1- Power Interface	7- Video VGA Output
2- Audio Output	8- HDMI1
3- Audio Input	9- HDMI2
4- Ethernet Port 1~2	10- USB2.0×2
5- Ethernet Port 3~4	11- eSATA Interface
6- RS232 Interconnects	12- Alarm In & Out

Dimensions (mm)