Specification

Model	TR-D6124IR10v3
Image sensor	1/2.8" CMOS 2MP
Max resolution	2MP(1920x1080)
Main stream	50Hz: 2MP/960P/720P@25fps
	60Hz: 2MP/960P/720P@30fps
Substream	50Hz: D1/VGA/HVGA@25fps
	60Hz: D1/VGA/HVGA@30fps
Electronic shutter speed	1/2 ~ 1/10 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.002Лк (F1.78)
IR range	up to 100 meters
Lens (мм)	4.3-86 mm, F1.78-F2.86
Field of view (horiz./vert.)	52.7° - 4.2° / 30.3° - 2.4°
Optical zoom	x20
Digital zoom	x20
Pan/Tilt Range	Pan: 0° ~ 360° (infinite)
	Tilt: -16° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 200°/s
	Tilt: 0.1°/s ~ 180°/s
Preset Speed	Pan: 0.1°/s ~ 200°/s
	Tilt: 0.1°/s ~ 180°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264 / MJPEG
Bitrate	up to 8Mbps
Local storage	MicroSD up to 256GB
Audio	1 in / 1 out
Alarm In/Out	1 / 1
ROI	Yes (up to 4 zones)
IVS	Yes

General

Power supply	PoE (802.3af) / 12V DC
PoE Class	4
Power consumption	PoE: 23W
	DC: 21W
Case material	metal, plastic
Dimensions (mm)	Ø129 x 211
Weight Net/Gross (g)	2100 / 2400
Protection	IP66, IK10
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C

Technical support

www: helpdesk.trassir.com
mail: helpdesk@trassir.com

TR-D6124IR10v3

2MP IR outdoor high-speed PTZ camera

Note: read user manual before using
Website: www.trassir.com
For any inquiry: info@trassir.com

Data _____ Stamp _____

Here is the confirmation form for warranty assurance

Introduction

Congratulations on purchasing TR-D6124IR10v3* IP camera .
Please read User Manual before using the camera.

* This datasheet applies to all camera modifications of this model.
  The modification is indicated by a Latin letter in brackets in the camera name.

Key features

• Supports H.265+ codec
• Wide dynamic range (Real WDR 120dB)
• IR range up to 100 meters
• Built-in video archive (Edge Storage) – local recording
  on MicroSD card* up to 256GB
• Two-way audio channel (1 in / 1 out)
• Alarm IN/OUT (1/1)
• TCP/IP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, UpnP,
  SMTP, ONVIF protocols
• IVS: Human detection; Line crossing; Intrusion detection;
• IP66 weather-tight case
• 12V DC or PoE power supply

* MicroSD card is not included into camera packag

Camera package

1. IP camera . . . . 1 pc.
2. User manual . . . . 1 pc.
3. Wall mount bracket . . . . 1 pc.
4. Hexagon wrench   . . . . 1 pc.
5. Mounting kit   . . . . 1 pc.
6. Power supply . . . . 1 pc.
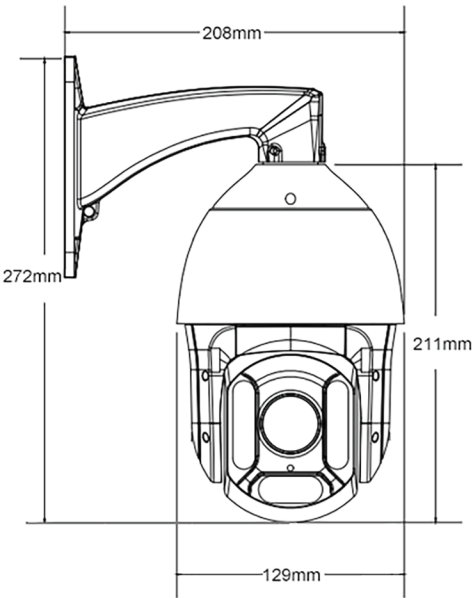
Attention!

The power supply should meet the following requirements: output
voltage, current, polarity, and working temperature. When using the
camera in thunderstorm conditions, make sure there is a lightning rod or
unplug the power connector.
Pay attention to the temperature requirements for IP camera operation.
Avoid using the device in excessively high or low temperatures.
Do not install the camera near heaters. Do not point the camera lens at
the sun or at bright objects as this can damage the image sensor.

Connecting

To get started with IP camera you are required to have a PC connected to
the local network with Windows installed and Internet Explorer version 8
or higher.

1. Connect IP camera to the network.
2. When the camera is connected through a switch which doesn't support
   PoE, connect adapter to power jack.

Dimensions

Manual setting of network parameters

In order to connect to the IP camera, the PC should be in the same local
network as the camera. The IP address of the camera, the PC and any
other device on the network should not match.

IP camera has the following default settings:
  - *IP address: 192.168.1.188*
  - *Subnet mask: 255.255.0.0*
  - *Gateway: 192.168.1.1*
  - *HTTP-port: 80*
  - *username: admin*
  - *password: admin*

PC network settings example:
  - *IP address: 192.168.1.10;*
  - *Subnet mask: 255.255.0.0.*

There are 3 options to set up your camera:

1. Change IP address of a camera manually.
   Start your browser, connect to IP camera and enter your
   username and password. Choose appropriate menu item and change
   network settings of IP camera.

2. Set up camera IP address using fast configuration utility that can be
   downloaded from www.trassir.com.

3. Change IP camera settings using TRASSIR professional software.

You can find detailed camera settings instructions in User Manual that
can be downloaded from trassir.com.