Specification

Model	TR-D6225IR20
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	50Hz: FullHD@25fps
	60Hz: FullHD@30fps
Electronic shutter speed	1/1 ~ 1/100 000 s
"Day/Night" mode	Mechanical ICR
Sensitivity	0.001Lux (F1.6)
IR range	up to 200 m
Lens (мм)	4.6-152 mm, F1.6-F4.3
Field of view (horiz./vert.)	60° - 2.3° / 34.4° - 1.5°
Optical zoom	x33
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360°(infinite)
	Tilt: -16° ~ 90°
	(autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 180°/s
	Tilt: 0.1°/s ~ 120°/s
Preset Speed	Pan: 240°/s
	Tilt: 120°/s
Auto focus	Yes
WDR	Real WDR (140dB)
Digital noise reduction	2DNR / 3DNR
Video compression	H.265 / H.264B / MJPEG
Bitrate	up to 16Mbps
Local storage	MicroSD до 512Gb
Audio	Two-way audio channel
ROI	Yes (up to 7 zones)
IVS	Yes
RTC	Yes
Alarm IN/OUT	1 / 1
Power supply	PoE (802.3at) / 12V DC
PoE Class	4
Power consumption	PoE: 24W (IR on)
	DC: 24W (IR on)
Case material	Aluminium
Dimensions (mm)	Ø222 x 372
Weight Net/Gross (g)	5300 / 7800
Protection	IP66
Power surge suppressor	TVS 6000V
Working temperature	-40°C … +70°C (IR on)
	-40°C … +40°C (IR on)

Technical support

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

Data _____ Stamp _____

Here is the confirmation form for warranty assurance

TR-D6225IR20
2MP IR outdoor high-speed PTZ camera

TRASSIR®

Real WDR

EDGE Storage

ZOOM x33

200m IR LED

IP66

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

Introduction

Congratulations on purchasing TR-D6225IR20 IP-camera.
Please read User Manual before using the camera.

Key features

• Wide dynamic range (Real WDR 140dB)
• IR range up to 200 meters
• Built-in video archive (Edge Storage) – local recording
  on MicroSD card* up to 512GB*
• IVS: Human detection; Line crossing; Intrusion detection / Abandoned /
  Missing objects detection; Autotracking; Motor vehicle / Non-motor
  vehicle detection
• Two-way audio channel (1 in / 1 out)
• Alarm IN/OUT (1/1)
• TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP,
  UPnP, SMTP, QoS, IPV4, MULTICAST, RTMP, ONVIF protocols
• IP66 weather-tight case
• Power supply 12V DC or PoE

* MicroSD card is not included into camera package

Camera package

1. IP camera · 1 pc.
2. User Manual · 1 pc.
3. Wall mount bracket · 1 pc.
4. Waterproof connector kit · 1 pc.
5. Power supply unit · 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 the adapter to the power jack.

Dimensions
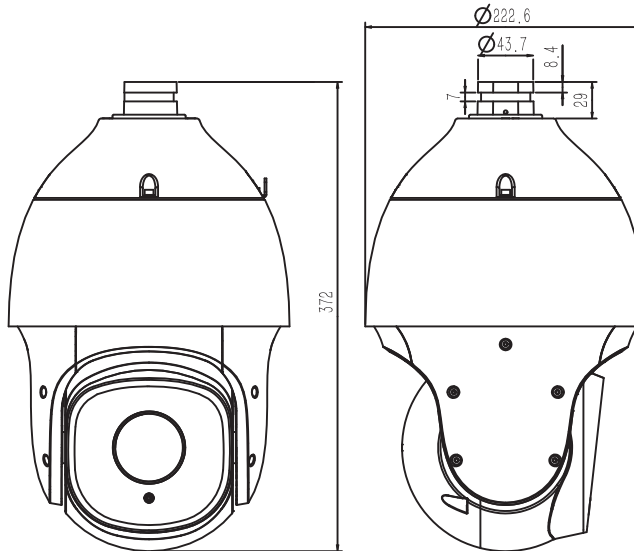
Manual setting of network parameters

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.

The 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.