## Specification

| Model | TR-D7121IR1 |
|---|---|
| Image sensor | 1/2.7" CMOS 2MP |
| Resolution | FullHD(1920x1080) |
| Frame rate | FullHD@25fps |
| Electronic shutter speed | 1/2 ~ 1/1 000 s |
| Day/Night mode | Mechanical ICR |
| Sensitivity | 0.005Lux (F1.8) |
| IR range | up to 10 m |
| Lens (mm) | 1.9 / 2.8 / 3.6 |
| Field of view (horiz./vert.) | 1.8mm: 113˚±5˚ / 61˚±5˚ |
| | 2.8mm: 100˚±5˚ / 54˚±5˚ |
| | 3.6mm: 82˚±5˚ / 44˚±5˚ |
| WDR | Real WDR (120dB) |
| Digital noise reduction | 3D DNR |
| Video compression | H.265+ / H.265 / H.264+ / H.264 |
| Btrate | up to 8Mbps |
| Local strorage | MicroSD up to 128Гб |
| Audio | Built-in microphone |
| | Built-in speaker |
| Motion detector | PIR-сенсор |
| Corridor mode | Yes |
| iVS | Human Detection |
| | Line Crossing |
| | Intrusion Detection |
| RTC | Yes |
| Power supply | PoE (802.3af) / 12V DC |
| PoE Class | 3 |
| Power consumption | DC: 1.7W |
| | PoE: 2W |
| Case material | Plastic |
| Dimensions (mm) | 60 x 99 x 32.8 |
| Weight  Net/Gross (g) | 95 / 220 |
| Working temperature | -10°C … +50°C |

# TR-D7121IR1
Indoor IR Network Camera



Data _____ Stamp _____

**Here is the confirmation form for warranty assurance**

2MP | H.265 HEVC | Real WDR

EDGE Storage

PIR | -40°

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

## Introduction

Congratulations on purchasing TR-D7121IR1 IP camera.
Please read the User Manual before using the camera.

## Key features

• Supports H.265+ codec
• Wide Dynamic Range (Real WDR 120dB)
• IR range up to 10 m
• Built-in video archive (Edge Storage) – local recording
  on MicroSD card* up to 128GB
• Two-way audio (built-in microphone and speaker)
• TCP/IP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UPnP, SMTP,
  NTP protocols
• Power supply 12V DC or PoE

* MicroSD Card is not included into camera package

## Camera pakage

1. IP camera . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 pc.
2. User Manual . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 pc.
3. Moumting kit . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 pc.
4. Bracket . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 pc.
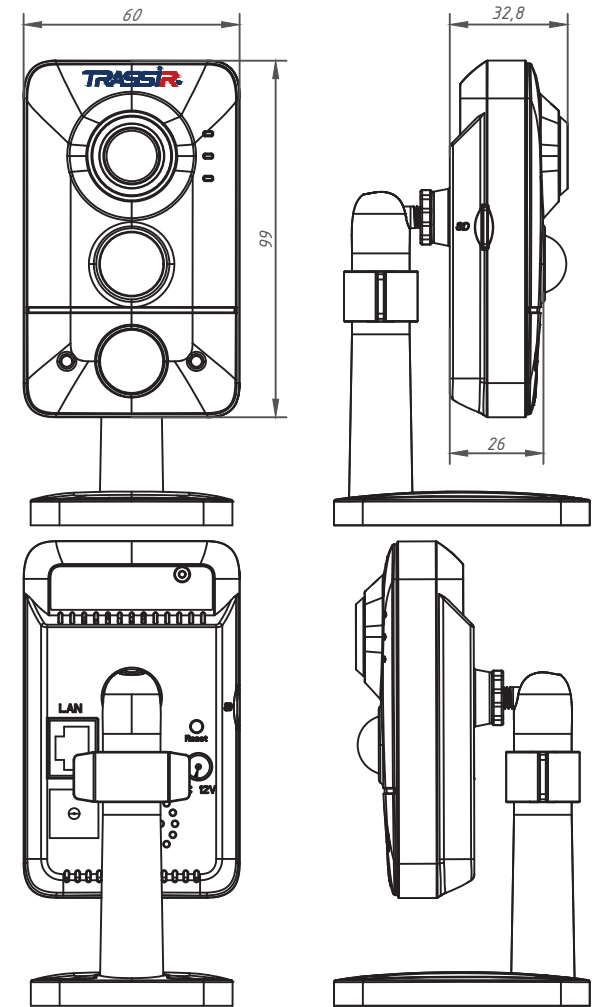
### Attention!

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.

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.