



## Indoor/Outdoor 8MP 4K H.265 WDR PoE IR Bullet Network Camera

TV-IP318PI (v1.0R)

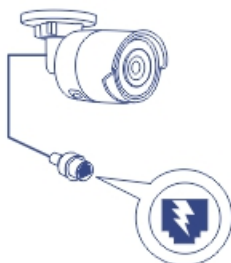
- 8MP 4K UHD video (3840 x 2160) at 20 fps
- Smart covert IR LEDs for night vision up to 30 meters (98 ft.)
- Outdoor IP67 weather rating
- 120dB Wide Dynamic Range image balancing
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Micro SD card slot (up to 128GB)
- Free iOS® and Android™ mobile apps

TRENDnet's Indoor/Outdoor 8MP 4K H.265 WDR PoE IR Bullet Network Camera, model TV-IP318PI, provides day and night surveillance with a night vision range of up to 30 meters (98 ft.) This IR bullet network camera delivers year-round surveillance with an IP67 weather rated housing to withstand harsh environments. Record up to 8MP 4K UHD video at 20 fps in a space saving H.265 compression format. View live video with included complimentary software and mobile apps.



### Day/Night HD Surveillance

Powerful 8MP video in H.265 compression and 30m night vision provides 24-hour surveillance. Masked IR LEDs provide covert night-time viewing invisible to the human eye.



### Power over Ethernet (PoE)

PoE offers cost savings and the flexibility to install this IR bullet camera up to 100m (328 ft.) from the PoE source equipment.



### Outdoor Ready

Built for outdoor environments with an IP67 weather rating and an operating temperature range of -30° – 60°C (-22° – 140°F).

## Networking Solution



- 1 8 Megapixel
- 2 Smart IR
- 3 IP67 weather rated
- 4 Micro SD card slot
- 5 Reset button
- 6 Power jack
- 7 10/100Mbps PoE port
- 8 Adjustable Mounting Base



### 8 Megapixel

Record up to 8MP 4K UHD video (3840 x 2160) at 20 fps in the space saving H.265 compression format



### Night Vision

Masked IR LEDs provide covert night-time viewing invisible to the human eye, up to 30 meters (98 ft.)



### Smart IR

Smart IR dynamically adjusts the IR LEDs by lowering the IR intensity when objects are near, and increasing IR intensity when objects are farther away



### PoE

Save installation costs with Power over Ethernet (PoE)



### Outdoor Ready

Outdoor IP67 weather rated housing



### Adjustable Mounting Base

Fully adjustable integrated mounting base provides installation flexibility



### Storage

Record video to a network storage device or to a Micro SD card (up to 128GB sold separately)



### Advanced Playback

Advanced in-camera archived video playback functionality



### Motion Detection

Create custom motion detection zones to record video and send email notifications when a zone is triggered



### Tamper Detection

Create custom tamper detection zones to send an email notification when the camera view has been obstructed



### Wide Dynamic Range (WDR)

Adjustable 120dB WDR setting improves image quality and focus when a camera is exposed to high contrast lighting environments by enhancing the dark areas of the image to make them more visible



### Recording Flexibility

Define custom schedules using continuous (24/7) and event based recording modes



### ONVIF/PSIA

ONVIF Profile S, Profile G and PSIA compliant



### Complimentary Software

Complimentary pro-grade software to manage TRENDnet cameras



### Complimentary Apps

Live video to a mobile device with free iOS® and Android™ apps

## Specifications

Lens	<ul style="list-style-type: none"> <li>• Focal Length: 2.8mm @ F1.2</li> <li>• Sensor: 1/2.5" CMOS sensor</li> <li>• Digital zoom: 4x</li> <li>• WDR: 120dB</li> </ul>
Viewing	<ul style="list-style-type: none"> <li>• Horizontal angle: 102°</li> <li>• Pan: 0° to 360°</li> <li>• Tilt: 0° to 90°</li> <li>• Rotate: 0° to 360°</li> </ul>
Minimum Illumination	<ul style="list-style-type: none"> <li>• IR off: 0.01 lux</li> <li>• IR on: 0 lux</li> <li>• IR distance: 30m (98 ft.)</li> <li>• IR wavelength: 850nm</li> </ul>
Compression	<ul style="list-style-type: none"> <li>• H.265+ / H.265</li> <li>• H.264+ / H.264</li> <li>• MJPEG</li> </ul>
Resolution	<ul style="list-style-type: none"> <li>• Main stream: H.265+/H.265/H.264+/H.264: 3840 x 2160 up to 20 fps</li> <li>• Sub stream: H.265/H.264/MJPEG: 640 x 360 up to 30 fps</li> <li>• Third stream: H.265/H.264: 1280 x 720 up to 30 fps</li> </ul>
Hardware Standards	<ul style="list-style-type: none"> <li>• IEEE 802.1x</li> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3af</li> </ul>
Device Interface	<ul style="list-style-type: none"> <li>• 10/100Mbps PoE port</li> <li>• Micro SD card slot</li> <li>• Power jack</li> <li>• Reset button</li> </ul>
Micro SD slot	<ul style="list-style-type: none"> <li>• Supports Micro SD/SDHC/SDXC (not included)</li> <li>• Up to 128GB</li> </ul>
Housing	<ul style="list-style-type: none"> <li>• IP67 weather rated</li> </ul>
Network Protocol	<ul style="list-style-type: none"> <li>• IPv4, IPv6, UDP, TCP/IP</li> <li>• DHCP, NTP, DDNS, SMTP, FTP, LLTD</li> <li>• SNMP v1, v2c, v3, QoS/DSCP, IEEE 802.1X</li> <li>• NFS, SMB/CIFS</li> <li>• HTTP, HTTPS</li> <li>• PPPoE</li> <li>• UPnP, RTSP, RTP</li> </ul>
Compliant Standard	<ul style="list-style-type: none"> <li>• ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>• 155 x 70 x 70mm (6.1 x 2.75 x 2.75 in.)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• 400g (0.9 lb.)</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>• -30° – 60° C (-22° – 140° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Max. 95% non-condensing</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Input: PoE</li> <li>• Consumption: Max. 7.5W</li> </ul>
Power Adapter (optional model: 12VDC1A)	<ul style="list-style-type: none"> <li>• Input: 100 – 240V AC , 50/60Hz</li> <li>• Output: 12V DC, 1A external power adapter</li> </ul>

## Specifications

Management Interface	<ul style="list-style-type: none"> <li>• Multi-language support: English, French, German, Spanish, and Portuguese</li> <li>• Image settings: Brightness, Contrast, Saturation, Sharpness, Exposure Time, image Gain, Day/Night switch. Smart Supplement Light (Smart IR), BLC, WDR, white balance, Digital Noise Reduction, Mirror, Rotate, Scene Mode, Video Standard</li> <li>• WDR enhances video quality in high contrast daytime lighting</li> <li>• Digital Noise Reduction removes digital noise from the video signal</li> <li>• Recording: to computer, or SAMBA share</li> <li>• Time, date, and text overlay</li> <li>• IP Address Filter</li> <li>• Video Recording: scheduled, motion detection, and tamper detection</li> <li>• Motion detection: define up to three motion detection areas and motion sensitivity</li> <li>• Video masks: define custom video masks</li> <li>• Tamper detection function: email notification</li> <li>• Snapshot: real time snapshot and motion triggered</li> <li>• Supported dynamic DNS services: dyn.com and no-ip.com</li> <li>• Supports remote management</li> <li>• Compatible browsers: Chrome™ or Firefox® (live view resolution up to 1280 x 720), Internet Explorer® or Safari® (live view resolution up to 3840 x 2160)</li> </ul>
TRENDnetVIEW EVO Software	<ul style="list-style-type: none"> <li>• Supports up to 32 TRENDnet cameras</li> <li>• Multiple language support</li> <li>• Set recording options (motion detection, schedule, event trigger)</li> <li>• Search and playback</li> <li>• Custom viewing modes and options</li> <li>• Compatibility: Windows® 10, 8.1, Windows Server® 2012, 2008</li> </ul>
TRENDnet IPVIEW App	<ul style="list-style-type: none"> <li>• Free iOS® and Android™ apps</li> <li>• View live camera video on a mobile device</li> <li>• Take snapshots</li> <li>• Zoom</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• 3 year</li> </ul>