



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

TV-IP314PI (v2.0R)

- 4MP HD video (2560 x 1440) at 30 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 4MP H.265 WDR PoE IR Bullet Network Camera, model TV-IP314PI, provides day and night surveillance with a night vision range of up to 30 meters (98 ft.). This network camera delivers year-round surveillance with an IP67 weather rated housing to withstand outdoor environments. Record up to 4MP HD video at 30 fps in a space saving H.265 compression format. View live video with included complimentary software and mobile apps.



### Day/Night HD Surveillance

Powerful 4MP video in H.265 compression and 30m night vision provide 24-hour surveillance.



### Power over Ethernet (PoE)

PoE offers cost savings and the flexibility to install this outdoor IR network 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 4 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



### 4 Megapixel

Record up to 4MP HD video (2560 x 1440) at 30 fps in the space saving H.265 compression format.



### Adjustable Mounting Base

Fully adjustable integrated mounting base provides installation flexibility



### Tamper Detection

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



### Covert Night Vision

Masked IR LEDs provide covert night-time viewing up to 30 meters (98 ft.) away.



### Storage

Record video to a network storage device or to a Micro SD card (up to 128GB not included).



### Recording Flexibility

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



### Smart IR

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



### Advanced Playback

Advanced in-camera archived video playback functionality



### ONVIF

ONVIF Profile S, Profile G, PSIA, CGI, and ISAPI compliant



### PoE

Save installation costs with Power over Ethernet (PoE)



### Motion Detection

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



### Complimentary Software

Complimentary pro-grade software to manage TRENDnet™ cameras



### Outdoor Ready

Outdoor IP67 weather rated housing



### 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.



### Complimentary Apps

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

## Specifications

<b>Lens</b>	<ul style="list-style-type: none"> <li>Focal length: 4mm @ F1.2</li> <li>Sensor: 1/3" CMOS sensor</li> <li>Digital zoom: 4x</li> <li>WDR: 120dB</li> </ul>
<b>Viewing</b>	<ul style="list-style-type: none"> <li>Horizontal angle: 78°</li> </ul>
<b>Minimum Illumination</b>	<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 LED wavelength: 850nm</li> </ul>
<b>Compression</b>	<ul style="list-style-type: none"> <li>H.265+ / H.265</li> <li>H.264+ / H.264</li> <li>MJPEG</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>Main stream: H.265+/H.265/H.264+/H.264: 2560 x 1440 up to 30fps</li> <li>Sub stream: H.265/H.264/MJPEG: 640 x 480 up to 30fps</li> <li>Third stream: H.265/H.264: 1280 x 720 up to 10fps</li> </ul>
<b>Hardware Standards</b>	<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>
<b>Device Interface</b>	<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>
<b>Micro SD slot</b>	<ul style="list-style-type: none"> <li>Supports Micro SD/SDHC/SDXC (not included)</li> <li>Up to 128GB</li> </ul>
<b>Housing</b>	<ul style="list-style-type: none"> <li>IP67 weather rated</li> </ul>
<b>3-Axis Manually Adjustable Mounting Arm</b>	<ul style="list-style-type: none"> <li>Pan: 0° to 360°</li> <li>Tilt: 0° to 90°</li> <li>Rotate: 0° to 360°</li> </ul>
<b>Network Protocol</b>	<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>
<b>Compliant Standard</b>	<ul style="list-style-type: none"> <li>ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>155 x 70 x 70mm (6.1 x 2.75 x 2.75 in.)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>400g (0.9 lb.)</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>-30° – 60° C (-22° – 140° F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>Max. 95% non-condensing</li> </ul>

<b>Power</b>	<ul style="list-style-type: none"> <li>Input: PoE</li> <li>Consumption: Max. 7.5W</li> </ul>
<b>Power Adapter (optional model: 12VDC1A)</b>	<ul style="list-style-type: none"> <li>Input: 100 – 240V AC , 50/60Hz</li> <li>Output: 12V DC, 1A external power adapter</li> </ul>
<b>Management Interface</b>	<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 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>Privacy masks: define custom privacy 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 2560 x 1440)</li> </ul>
<b>TRENDnetVIEW EVO Software</b>	<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>
<b>TRENDnet IPVIEW App</b>	<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>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>CE</li> <li>FCC</li> <li>UL</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>3 year</li> </ul>

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