



Indoor/Outdoor 5MP H.265 WDR PoE IR Bullet Network Camera

TV-IP316PI (v1.0R)

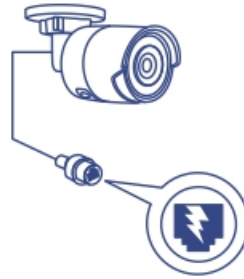
- 5MP HD resolution
- Smart covert IR LEDs for night vision up to 30 meters (98 ft.)
- Outdoor IP67 weather rating
- Save on installation costs with Power over Ethernet (PoE)
- 120dB Wide Dynamic Range image balancing
- Program motion detection recording and email alerts
- Micro SD card slot (up to 128GB)
- Free iOS® and Android™ mobile apps

TRENDnet's Indoor/Outdoor 5MP H.265 WDR PoE IR Bullet Network Camera, model TV-IP316PI, 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 5MP video (2944 x 1656) 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 5MP video in H.265 compression and 30m night vision provide 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).



5 Megapixel

Record up to 5MP (2560 x 1920) HD video 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 on 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 review 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's 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, 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 your mobile device with free iOS® and Android™ apps

Specifications

Lens

- Focal length: 2.8mm @ F1.2
- Sensor: 1/2.9" CMOS sensor
- Digital zoom: 4x
- WDR: 120dB

Viewing

- Horizontal angle: 81°
- Pan: 0° to 360°
- Tilt: 0° to 90°
- Rotate: 0° to 360°

Minimum Illumination

- IR off: 0.01 lux
- IR on: 0 lux
- IR distance: 30m (98 ft.)
- IR LED wavelength: 850nm

Compression

- H.265+ / H.265
- H.264+ / H.264
- MJPEG

Resolution

- Main stream: H.265+/H.265/H.264+/H.264: 2944 x 1656 up to 20 fps
- Sub stream: H.265/H.264/MJPEG: 640 x 360 up to 30 fps
- Third stream: H.265/H.264: 1280 x 720 up to 30 fps

Hardware Standards

- IEEE 802.1x
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3af

Device Interface

- 10/100Mbps PoE port
- Micro SD card slot
- Power jack
- Reset button

Micro SD slot

- Supports Micro SD/SDHC/SDXC (not included)
- Up to 128GB

Housing

- IP67 weather rated

Network Protocol

- IPv4, IPv6, UDP, TCP/IP
- DHCP, NTP, DDNS, SMTP, FTP, LLTD
- SNMP v1, v2c, v3, QoS/DSCP, IEEE 802.1X
- NFS, SMB/CIFS
- HTTP, HTTPS
- PPPoE
- UPnP, RTSP, RTP

Compliant Standard

- ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

Dimension

- 155 x 70 x 70mm (6.1 x 2.75 x 2.75 in.)

Weight

- 400g (0.9 lb.)

Operating Temperature

- -30° – 60° C (-22° – 140° F)

Humidity

- Max. 95% non-condensing

Power

- Input: PoE
- Consumption: Max. 7W

Power Adapter (optional model: 12VDC1A)

- Input: 100 – 240V AC, 50/60Hz
- Output: 12V DC, 1A external power adapter

Management Interface

- Multi-language support: English, French, German, Spanish, and Portuguese
- 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
- WDR enhances video quality in high contrast daytime lighting
- Digital Noise Reduction removes digital noise from the video signal
- Recording: to computer, or SAMBA share
- Time, date, and text overlay

- IP Address Filter
- Video Recording: scheduled, motion detection, and tamper detection
- Motion detection: define up to three motion detection areas and motion sensitivity
- Privacy masks: define custom privacy masks
- Tamper detection function: email notification
- Snapshot: real time snapshot and motion triggered
- Supported dynamic DNS services: dyn.com and no-ip.com
- Supports remote management
- Compatible browsers: Chrome™ or Firefox® (live view resolution up to 1280 x 720), Internet Explorer® or Safari® (live view resolution up to 2944 x 1656)

TRENDnetVIEW EVO Software

- Supports up to 32 TRENDnet cameras
- Multiple language support
- Set recording options (motion detection, schedule, event trigger)
- Search and playback
- Custom viewing modes and options
- Compatibility: Windows® 10, 8.1, Windows Server® 2012, 2008

TRENDnet IPVIEW App

- Free iOS® and Android™ apps
- View live camera video on a mobile device
- Take snapshots
- Zoom

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TV-IP316PI
- Weather seal
- Quick installation guide
- Camera mounting hardware
- CD-ROM (Utility, Software, & User's Guide)