



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

TV-IP317PI (v1.0R)

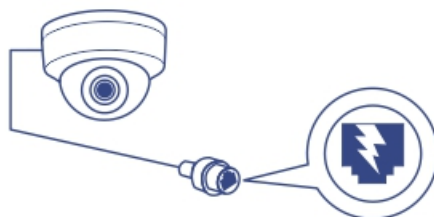
- 5MP HD resolution
- Smart covert IR LEDs for night vision up to 30 meters (98 ft.)
- Outdoor IP67 weather rating
- Impact resistant design
- Save installation costs with Power over Ethernet (PoE)
- 120dB Wide Dynamic Range image balancing
- Program motion detection recording and email alerts
- Micro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

TRENDnet's Indoor/Outdoor 5MP H.265 WDR PoE IR Dome Network Camera, model TV-IP317PI, provides day and night surveillance with a night vision range of up to 30 meters (98 ft.) This IR dome 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 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 outdoor IR dome 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 5MP (2944 x 1656) 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 IR LEDs by lowering the IR intensity when objects are near, and increasing IR intensity when objects are farther away.



### Fixed Pan/Tilt

Manually pan and tilt the camera



### Rotatable lens

Rotatable lens for wall mounting applications



### PoE

Save on installation costs with Power over Ethernet (PoE)



### Outdoor Ready

Outdoor IP67 weather rated housing



### 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
- Zoom: 4x
- WDR: 120dB

### Viewing

- Horizontal angle: 80°
- Manual pan: 0° to 355°
- Manual tilt: 0° to 75°
- Lens rotation: 0° to 355°

### 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
- Impact resistant

### 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

- 110 x 110 x 82.5mm (4.4 x 4.4 x 3.2 in.)

### Weight

- 500g (1.1 lb.)

### Operating Temperature

- -30° – 60° C (-22° – 140° F)

### Humidity

- Max. 95% non-condensing

### Power

- Input: PoE
- Consumption: Max. 9W

### 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-IP317PI
- Weather seal
- Torx Security Allen Key
- Quick installation guide
- Camera mounting hardware
- CD-ROM (Utility, Software, & User's Guide)