



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

TV-IP344PI (v2.0R)

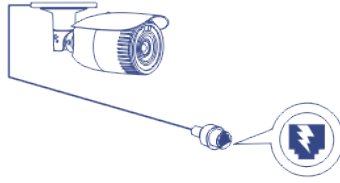
- 4MP HD video (2560 x 1440) at 20 fps
- Adjustable 2.8 – 12mm motorized varifocal lens
- Optical Zoom: 4.2x
- Digital Zoom: 4x
- Smart covert Enhanced IR LEDs for night vision up to 30m (98 ft.)
- Enhanced IR provides up to 30% increase in illuminant efficiency over traditional IR LED array technology
- 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 Motorized Varifocal PoE IR Bullet Network Camera, model TV-IP344PI, provides day and night surveillance with a night vision range of up to 30m (98 ft.). A built-in 2.8 – 12mm motorized varifocal lens allows you to adjust the field of view to meet your installation needs. This varifocal surveillance camera delivers year-round surveillance with an IP67 weather rated housing to withstand outdoor environments. Record up to 4MP HD video at 20 fps in a space saving H.265 compression format. Stream live video from this varifocal surveillance camera with included complimentary software and mobile apps.



### Day/Night HD Surveillance

Powerful 4MP video in H.265 compression and 30m (98 ft.) night vision provide 24-hour surveillance.



### Power over Ethernet (PoE)

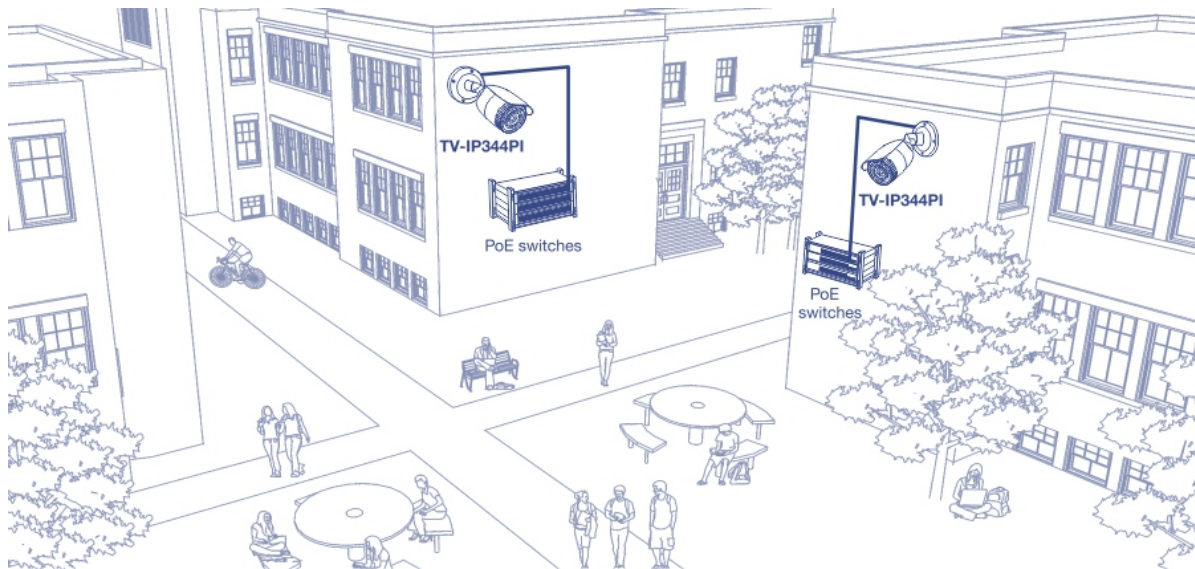
PoE offers cost savings and the flexibility to install this outdoor varifocal surveillance camera up to 100m (328 ft.) from the PoE source equipment.



### Varifocal Lens

The varifocal surveillance camera has a built-in 2.8 – 12mm motorized varifocal lens that allows you to adjust the field of view to meet your installation needs.

## NETWORKING SOLUTION



## FEATURES



### 4 Megapixel

Record up to 4MP HD video (2560 x 1440) at 20 fps in the space saving H.265 compression format



### Varifocal Lens

Varifocal surveillance camera has built-in 2.8 – 12mm motorized varifocal lens, allowing you to adjust the field of view to meet your installation needs



### Covert Night Vision

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



### 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



### Enhanced IR Technology

Enhanced IR technology provides up to a 30% increase in illuminant efficiency over traditional IR LED array technology



### PoE

Save installation costs with Power over Ethernet (PoE) technology



### Outdoor Ready

Varifocal surveillance camera with an outdoor IP67 weather rated housing



### 3-Axis Mounting Base

Integrated 3-axis mounting base provides installation flexibility



### Storage

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



### Advanced Playback

Advanced in-camera archived video playback functionality



### Motion Detection

Create custom motion detection zones for the varifocal surveillance camera 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



### 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

- Focal length: 2.8 – 12 mm @ F1.6
- Focal depth: 30cm to infinity
- Motorized varifocal lens
- Sensor: 1/3" 4MP CMOS sensor
- WDR: 120 dB
- Optical zoom: 4.2x
- Digital zoom: 4x

### Viewing Angle

- Horizontal: 28° – 98° (wide – tele)

### 3-Axis Manually Adjustable Mount

- Pan: 0° – 360°
- Tilt: 0° – 90°
- Rotate: 0° – 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: 2560 x 1440 up to 20 fps
- Sub stream: H.265/H.264/MJPEG: 704 x 480 up to 20 fps

### Standards

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

### Device Interface

- 10/100Mbps PoE port
- Power jack

### 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, G, T)

### Dimension

- 105 x 105 x 245mm (4.1 x 4.1 x 9.6 in.)

### Weight:

- 1.03kg (2.3 lbs.)

### Operating Temperature

- -30° – 60° C (-22° – 140° F)

### Humidity

- Max. 90% non-condensing

### Power

- Input: PoE
- Max. consumption: 11W

### 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, Day/Night switch. 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 2560 x 1440)

### 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
- Stream live camera video on a mobile device
- Take snapshots
- Digital zoom

### Certifications

- CE
- FCC

### Warranty

- 3 year

### Package Contents

- TV-IP344PI
- Quick Installation Guide
- Camera mounting hardware