



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

TV-IP345PI (v2.0R)

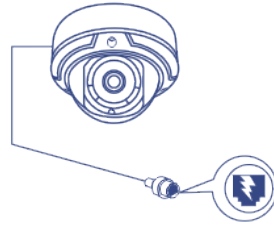
- 4MP HD video (2560 x 1440) at 20 fps
- Adjustable 2.8 – 12mm motorized varifocal lens
- Smart covert IR LEDs for night vision up to 30m (98 ft.)
- Outdoor IP67 weather rating
- 120dB Wide Dynamic Range image balancing
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Micro SD card slot (up to 128GB)
- Free iOS® and Android™ mobile apps

TRENDnet's Indoor/Outdoor 4MP H.265 Motorized Varifocal PoE IR Dome Network Camera, model TV-IP345PI, provides day and night surveillance with a night vision range of up to 30 meters (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 IP 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. View live video from the varifocal IP 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)

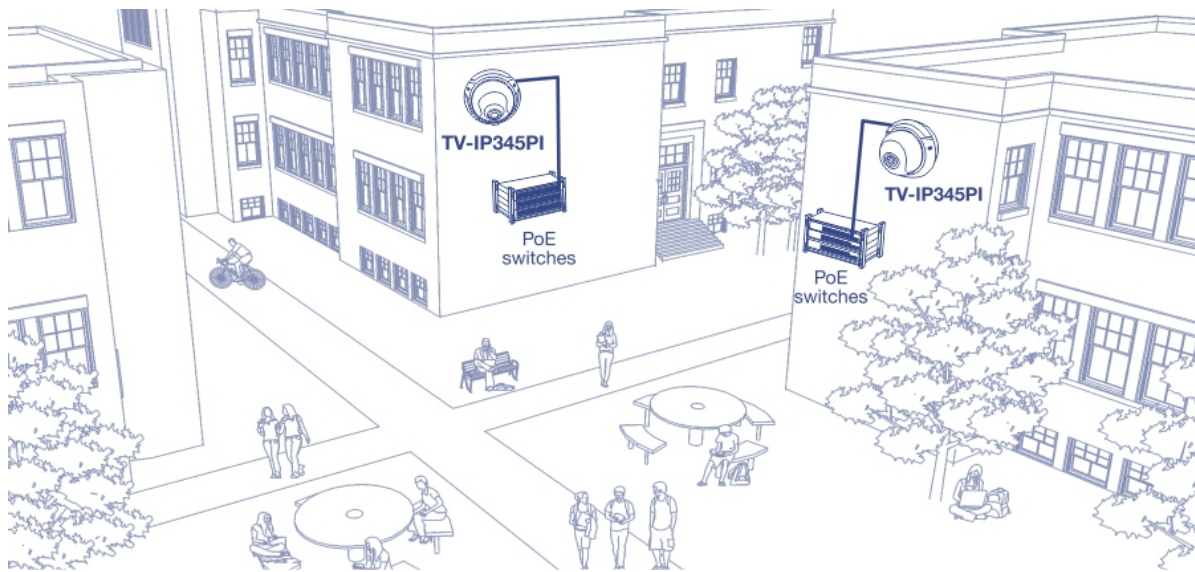
PoE offers cost savings and the flexibility to install this outdoor IR varifocal IP camera up to 100m (328 ft.) from the PoE source equipment.



Varifocal Lens

A built-in 2.8 – 12mm motorized varifocal lens allows you to adjust the field of view from 98° – 28° to meet your installation needs.

NETWORKING SOLUTION



FEATURES



4 Megapixel

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



Varifocal Lens

A built-in 2.8 – 12 mm motorized varifocal lens allows you to adjust the field of view from 98° – 28° to meet your installation needs



Covert Night Vision

Masked IR LEDs on the varifocal IP camera 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



PoE

Save installation costs with Power over Ethernet (PoE) technology



Outdoor Ready

Outdoor IP67 weather rated housing



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 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

Stream live video from the varifocal IP camera 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

- Horizontal: 98° – 28° (wide – tele)
- Pan: 0° – 355°
- Tilt: 0° – 70°
- 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
- Micro SD card slot
- Power jack

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, G)

Dimension

- 140 x 140 x 100mm (5.6 x 5.6 x 3.9 in.)

Weight:

- 800g (1.8 lbs.)

Operating Temperature

- -30° – 50° C (-22° – 122° F)

Humidity

- Max. 90% non-condensing

Power

- Input: PoE
- Max. consumption: 10W

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-IP345PI
- Quick Installation Guide
- Camera mounting hardware