



## Indoor / Outdoor 2 MP 1080p Varifocal PoE IR Dome Network Camera

TV-IP341PI (v1.0R)

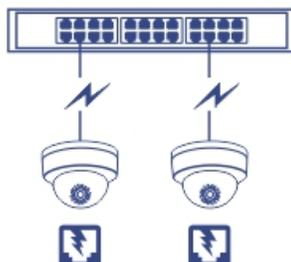
- 2 MP 1080p HD resolution
- Outdoor IP66 weather rating
- Adjustable 2.8 – 12 mm manual zoom varifocal lens
- Save installation costs with Power over Ethernet (PoE)
- Digital Wide Dynamic Range image balancing
- Program motion detection recording and email alerts
- MicroSD card slot (up to 64 GB)
- IK10 Vandal Resistant
- ONVIF and IPv6 support
- Free iOS<sup>®</sup> and Android<sup>™</sup> mobile apps

The Indoor / Outdoor 2 MP 1080p Varifocal PoE IR Dome Network Camera, model TV-IP341PI, provides day and night surveillance with a night vision range of up to 30 meters (98 ft.) This dome network camera delivers year-round surveillance with an IP66 weather rated housing to withstand extreme environments. A built-in 2.8 - 12 mm manual zoom varifocal lens allows you to adjust the field of view to meet your installation needs. Record 1080p video (1920 x 1080) at 30 fps in a space saving H.264 compression format. Manage up to 32 TRENDnet cameras with included complimentary software and mobile apps.



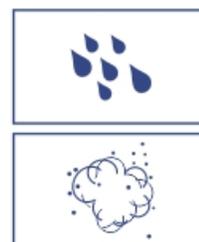
### Varifocal Lens

A built-in 2.8 – 12 mm manual zoom varifocal lens allows you to manually adjust the field of view from 113° – 33.8° to achieve the perfect viewing field for your installation.



### Power over Ethernet (PoE)

PoE offers cost savings and the flexibility to install this outdoor dome camera in the desired location.



### Outdoor Ready

Built for extreme environments with an IP66 weather rating and an operating temperature range of -30 – 60°C (-22 – 140°F).

## Networking Solution



- 1 Mounting plate
- 2 PoE / Ethernet connector
- 3 Optional power port
- 4 Audio I/O
- 5 BNC Connector
- 6 Alarm Wires
- 7 IP66 Rated
- 8 Internal Micro SD Slot
- 9 Infrared LEDs



### Varifocal Lens

A built-in 2.8 – 12 mm manual zoom varifocal lens allows you to adjust the field of view from 113° – 33.8° to achieve the perfect viewing field for your installation.



### 2 Megapixel

Record 1080p (1920 x 1080) HD video at 30 fps in the space saving H.264 compression format



### Night Vision

Night vision up to 30 meters (98 ft.)



### Smart IR

Dynamic IR adjustment optimizes night visibility



### PoE

Save installation costs with Power over Ethernet (PoE)



### IP66 Rating

Outdoor IP66 weather rated housing



### Storage

Record video to a network storage device or to a Micro SD card (up to 64 GB 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 view has been obstructed.



### Digital Wide Dynamic Range (D-WDR)

Adjustable D-WDR setting Improves image quality and focusing 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/or event based recording modes.



### Audio Support

Audio input and output for third party microphone and speaker (sold separately)



### Input / Output Alarm

Network to an alarm system with the alarm input / output connections



### BNC Port

BNC analog video-out port to connect directly to a video display for installation flexibility



### IPv6

IPv6 support



### ONVIF / PSIA

ONVIF Profile S, Profile G and PSIA compliant



### Complimentary Software

Complimentary pro-grade software to manage up to 32 TRENDnet cameras



### Complimentary Apps

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

## Specifications

### Lens

- Focal Length: 2.8 – 12 mm @ F1.4
- Focal depth: 30 cm to infinity
- Lens: Varifocal
- Sensor: 1/3" CMOS sensor
- Digital WDR
- Digital zoom: 4x

### Viewing Angle

- Horizontal: 33.8° - 113°
- Pan : 0° - 355°
- Tilt : 0° - 75°

### Minimum Illumination

- IR off: 0.014 lux
- IR on: 0 lux
- 30 m distance
- IR wavelength : 850 nm

### Resolution

- H.264: 1920 x 1080 up to 30 fps
- MJPEG: 704 x 480 up to 30 fps

### Hardware Standard

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

### Device Interface

- 10 / 100 Mbps PoE port
- Micro SD card slot
- IR LEDs
- GPIO terminal for audio
- I / O for alarm
- Power jack

### Audio

- 2-way audio supported (mix and speaker not included)
- External microphone line in / speaker line out
- 3D DNR

### I / O

- External input / output for alarm installation

### Micro-SD slot

- Supports Micro SD / SDHC / SDXC
- Up to 64 GB

### Housing

- IP66 rated
- Direct cabling through the bottom or side of housing

### Network Protocol

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

### Dimension

- Camera: 140 x 100 mm (5.5 x 4 in.)

### Weight

- 745 g (1.1 lbs.)

### Operating Temperature

- -30 – 60 °C (-22 – 140 °F)

### Humidity

- Max. 95% non-condensing

### Power

- Input: PoE
- Consumption: 5.5 W max.

### Power (Power adapter not included)

- Input: 100 - 240 V AC , 50 / 60 Hz, 1 A
- Output: 12 V DC, 1 A external power adapter (for non-PoE installations)
- TRENDnet power adapter, model 12VDC1A, sold separately

### Management Interface

- Multi-language support: English, French, German, Spanish and Portuguese
- IP address filter
- QoS traffic prioritization
- Time, date, and text overlay
- Image settings: brightness, contrast, hue, sharpness, D-WDR, Denoise 2D, Shutter time, sense-up, Saturation, AGC (automatic gain control), flip, mirror, 90 degree rotate, IR, day / night mode, white balance
- D-WDR enhances video quality in high contrast daytime lighting
- 2D Digital Noise Reduction enhances night vision quality

- Recording: to computer, NAS, SAMBA, or through software
- Video Recording: scheduled, motion detection, sound detection, and tamper detection
- Motion detection: define up to three motion detection areas and motion sensitivity
- Privacy masks: define custom privacy mask up to 3 areas
- Tamper detection function: email notification, FTP, alarm, SD card, or Samba server if the viewing field darkens suddenly
- Network disconnection fallback: set to automatically save video to Micro SD card (sold separately) if connection to network is broken
- Snapshot: real time snapshot, sound detection, and motion detection
- Supported dynamic DNS services: dyn.com, no-ip.com, and iptecno.com
- Management setting: maximum 21 user accounts
- Supports remote management
- Compatibility (PC based): Internet Explorer® 8.0 or higher

### TRENDnetVIEW Pro Software

- Supports up to 32 TRENDnet cameras
- Multiple language support
- Set recording options (motion detection, schedule, event trigger)
- Advanced search and playback tools
- Custom viewing modes and options
- Compatibility: Windows® 10, 8.1, 8, 7, and Windows Server® 2003, 2008, 2012

### TRENDnetVIEW App

- Free iOS™ and Android™ app
- View the camera on a mobile device
- Take snapshots
- Zoom

### Certifications

- CE
- FCC

### Warranty

- 3 year limited

### Package Contents

- TV-IP341PI
- Quick Installation Guide
- CD-ROM (Utility, Software, & User's Guide)
- Camera mounting hardware

