TRENDNET®

Indoor / Outdoor 2 MP 1080p Varifocal PoE IR Dome Network Camera
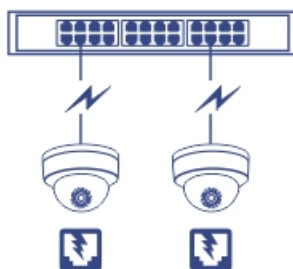
TV-IP341PI (v1.0R)

- 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® and Android™ 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.

TRENDNET®

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

❶	Mounting plate	❻	Alarm Wires
❷	PoE / Ethernet connector	❼	IP66 Rated
❸	Optional power port	❽	Internal Micro SD Slot
❹	Audio I/O	❾	Infrared LEDs
❺	BNC Connector		

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