Outdoor 2MP Full HD Vari-Focal PoE Day/Night Dome Network Camera

TV-IP342PI (v1.0R)

- Adjustable fixed position dome network camera
- Manual 3x optical zoom provides installation flexibility
- Night vision up to 15 meters (50 ft.)
- Full 1080p HD resolution
- Outdoor IP66 weather rating
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Free mobile apps

The Outdoor 2MP Full HD PoE Day/Night Dome Network Camera, model TV-IP342PI, offers 15 m (50 feet) night vision, an IP66 weather rating, tamper detection, and 3x manual optical zoom for installation flexibility. Record full 1080p HD 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.

Vari-Focal
Manual optical zoom by a factor of 3 (and manually re-focus) to a final fixed position for installation flexibility

Night Vision
Night vision up to 15 meters (50 ft.)

PoE
Save installation costs with Power over Ethernet (PoE)

IP66 Rating
Outdoor IP66 weather rated housing

Fixed Pan Tilt
Pan and tilt the camera to its final fixed position

BNC Port
BNC analog video out port to connect directly to a television for installation flexibility

MicroSD Card Slot
Add up to 32 GB memory for on-board video storage

Resolution
Record 2 Megapixel Full 1080p HD, 1920 x 1080 at 30 fps, in the space saving H.264 compression format

ONVIF
ONVIF compliant

Samba Support
Record video to a defined network storage device

Tamper Detection
Receive tamper detection video clips via email, ftp, or save to network storage device or Micro-SD card

D-WDR
Improved image quality in high contrast light environments with Digital Wide Dynamic Range technology

Motion Detection
Create up to 3 motion detection windows with separate sensitivity settings and event triggers

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

Free Apps
Live video to a mobile device with free Apple® and Android™ apps

Networking Solution

1 PoE/Ethernet connector
2 Optional power port
3 Speaker port
4 Microphone port
5 BNC
6 GPIO
7 Infrared LEDs
8 Manual pan/tilt
9 IP66 rated
10 Manual vari-focal

Specifications

Lens
- Focal Length: 3 - 9 mm @ F1.8
- Focal depth: 70 cm to infinity
- Vari-Focal lens (internal manual zoom and focus adjustment)
- Sensor: 1/3" 2 Megapixel CMOS sensor
- Zoom: optical 3x, digital 4x

Viewing Angle
- Diagonal: 42 - 145°
- Horizontal: 36 - 127°
- Vertical : 22 - 69°

Minimum Illumination
- IR off: 0.1 lux
- IR on: 0 lux
- 15 meter IR illumination distance
- IR wavelength: 850nm

Video Codecs/Resolution
- H.264: 1920 x 1080 up to 30 fps
- MJPEG: 1920 x 1080 up to 30 fps
- H.264: 640 x 480 up to 15 fps (3GPP only)

Audio
- External 3.5 mm microphone jack
- External 3.5 mm speaker jack

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 (internal)
- IR LEDs
- BNC port
- 3.5 mm microphone jack
- 3.5 mm speaker jack
- GPIO terminal
- Power jack (optional)

Housing
- IP66 rated
- Impact rating: IK10
- Direct cabling through the bottom or side of housing

Network Protocol
- IPv4, IPv6, UDP, TCP/ IP, ONVIF V2.2
- DHCP, NTP, DDNS, SMTP, FTP, LLTD
- SNMP v1-v3, QoS/DSCP, IEEE 802.1X
- Samba, Bonjour
- HTTP, HTTPS
- PPPoE
- UPnP, RTSP, RTP, 3GPP

Dimension
- Camera: 137 x 137 x 102 mm (5.4 x 5.4 x 4 in.)

Weight
- 962 g (2.1 lbs.)

Operating Temperature
- -20 – 50 °C (-4 – 122 °F)

Humidity
- Max. 90% non-condensing

Power
- Input: 100 - 240 V AC , 50/60 Hz, 1 A
- Output: 12 V DC, 1 A external power adapter (for non-PoE installations)
- Max. consumption: 6.7 W

Management Interface
- Multi-language support: English, French, German, Russian, and Spanish
- IP address filter
- QoS traffic prioritization
- Time, date, and text overlay
- Image settings: brightness, contrast, hue, saturation, sharpness, AGC (automatic gain control), Shutter time, sense-up, flip, mirror, 90 degree rotate, day/night mode, white balance
- D-WDR enhances video quality in high contrast daytime lighting
- BNC analog video output
- 2D and 3D 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
- Sound detection: requires installation of third party microphone

- 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, Safari® 4.0 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, Vista, XP, Windows Server® 2003, 2008

TRENDnetVIEW App
- Free Apple® and Android™ app
- View the camera on a mobile device
- Take snapshots
- Zoom

Certifications
- CE
- FCC

Warranty
- 3 year limited

Package Contents
- TV-IP342PI
- Multi-Language Quick Installation Guide
- CD-ROM (Utility, Software, & User's Guide)
- Power adapter (12 V DC, 1A) (1.5 m/5 ft.)
- Network cable (1.5 m/5 ft.)
- RJ45 coupler
- Camera mounting hardware

Compatible NVR: www.trendnet.com/info/tv-nvr104