



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

TV-IP343PI (v1.0R)

- Manual 3.5x optical zoom provides installation flexibility
- Night vision up to 25 meters (82 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 Network Camera, model TV-IP343PI, offers 25 meters (82 ft.) night vision, an IP66 weather rating, tamper detection, and 3.5x 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 3.5 (and manually re-focus) to a final fixed position for installation flexibility



Night Vision

Night vision up to 25 meters (82 ft.)



PoE

Save installation costs with Power over Ethernet (PoE)



IP66 Rating

Outdoor IP66 weather rated housing



Sun Visor

Adjustable sun visor reduces glare



Mounting Hardware

Adjustable mounting hardware can tilt 180° and rotate 360°



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 v2.20 and v1.01 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



Complimentary Software

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



Complimentary 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 IP66 rated
- 9 Adjustable sun visor
- 10 Mounting hardware
- 11 Manual vari-focal

Specifications

Lens

- Focal Length: 3 - 10.5 mm @ F1.4
- Focal depth: 17 cm to infinity
- Vari-Focal lens (external manual zoom and focus adjustment)
- Sensor: 1/3" 2 Megapixel CMOS sensor
- Zoom: optical 3.5x, digital 4x

Viewing Angle

- Diagonal: 40 - 123°
- Horizontal: 35 - 107°
- Vertical: 19 - 61°

Minimum Illumination

- IR off: 0.1 lux
- IR on: 0 lux
- 25 meter IR illumination distance
- IR wavelength : 850 nm

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

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

Housing

- IP66 rated
- Adjustable sun visor
- Adjustable mounting bracket can pivot 180 and rotate 360 degrees

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

- 85 x 123 x 160 mm (3.3 x 4.8 x 6.3 in.)

Weight:

- 1.1 kg (2.4 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: 7.7 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), IR, 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-IP343PI
- Multi-Language Quick Installation Guide
- CD-ROM (Utility, Software, & User's Guide)
- Power adapter (12 V DC, 1 A) (1.5 m/5 ft.)
- Network cable (1.5 m/5 ft.)
- RJ45 coupler
- Camera mounting hardware

