



Outdoor 3 MP PoE Day/Night Network Camera TV-IP310PI (v1.0R)

- 3 Megapixel resolution
- Compact IP66 weather rated housing
- Night vision up to 30 meters (100 ft.)
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Digital Wide Dynamic Range image balancing
- ONVIF and IPv6 support

The Outdoor 3 MP PoE Day/Night Network Camera, model TV-IP310PI, provides powerful 3 megapixel night vision in complete darkness for up to 30 meters (100 ft.). This ultra-compact vandal resistant camera is outdoor ready with an IP66 weather rated housing. It comes with a free Apple[®] and Android[™] mobile app and complimentary pro-grade software to manage up to 32 TRENDnet cameras.

Hardware



PoE

Save installation costs with Power over Ethernet (PoE)



Power Port

Optional power port for non-PoE installation



Outdoor Ready

Outdoor IP66 weather rated



Sun Visor

Sun visor increases image quality throughout the day



Compact

Ultra-compact housing

Performance



3 Megapixel

Record 2048 x 1538 pixel video at 15 fps in H.264 compression



Night Vision

Night vision up to 30 meters (100 ft.) in complete darkness



Smart IR

Dynamic IR adjustment optimizes night visibility



Digital Zoom

Digitally zoom anywhere within the viewing field



IPv6

IPv6 support



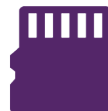
Advanced Playback

Advanced in-camera archived video review functionality



D-WDR

Digital Wide Dynamic Range improves video quality in high contrast lighting environments



Storage

Samba video support with notification if storage drive is full



Free Apps

See live video on a mobile device with free Apple® and Android™ apps



Complimentary Software

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

Networking Solution



Free App



Night Vision



Motion Detection



E-mail Alert



Night Vision

Specifications

Lens

- Focal length: 4 mm, F1.2
- Focal depth: 20 cm +
- Board lens
- Sensor: 1/3" CMOS
- Zoom: user-defined digital zoom window

Viewing Angle

- Horizontal: 70°
- Vertical: 52°
- Diagonal: 89°

Minimum Illumination

- IR off: 0.07 lux
- IR on: 0 lux
- 30 meter IR illumination distance
- Smart IR

Video Resolution

- H.264: 2048 x 1536 up to 15 fps (1920 x 1080 up to 30 fps)
- MJPEG: 704 x 480 up to 30 fps

Hardware Standards

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

Device Interface

- 10/100 Mbps PoE port
- Power port (for not PoE installations)
- Grounding point
- Integrated articulated mounting base
- Reset button

Network Protocol

- IPv4, IPv6, UDP, TCP, ICMP, ONVIF v2.2
- DHCP, NTP, DNS, DDNS, SMTP, FTP, SNMP (v1, v2c, v3)
- NFS, SAMBA
- HTTP, HTTPS
- PPPoE
- UPnP, RTSP, RTP, RTCP, SSL

Operating Temperature

- -25 - 60°C (-13 - 140°F)

Operating Humidity

- Max. 90% non-condensing

Certifications

- CE
- FCC

- UL 60950

Compliance

- REACH
- RoHS
- WEEE

Dimensions

- 60 x 77 x 138 mm (2.4 x 3.0 x 5.4 in.)
- Weather rating: IP66

Weight

- 375 g (13.2 oz.)

Power

- Input: PoE (802.3af)
- Consumption: 5 Watts max.

Optional Power Supply (Sold separately)

- Output: 12 V DC 1 A
- 5.5 mm barrel connector
- TRENDnet power adapter, model 12VDC1000, sold separately

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, saturation, hue, sharpness, smart IR, exposure time (1/3 – 1/100,000), scan rate, mirror, flip, D-WDR, back light compensation, white balance, digital noise reduction
- D-WDR enhances video quality in high contrast daytime lighting
- Digital Noise Reduction enhances night vision quality
- Recording: to computer, NAS, CIFS/SAMBA share, or through software
- Scheduled recording: continuous and motion detection
- Motion detection fields: define custom motion detection areas, motion sensitivity, and dynamic motion analysis
- Privacy masks: define custom privacy mask areas
- Tamper proof function: email notification if the viewing field darkens suddenly
- Video playback interface: playback recorded video from remote storage
- Alert messages: storage full, storage error, and illegal login
- Snapshot: real time snapshot, motion detection with schedule, tamper-proof with schedule
- Supported dynamic DNS services: Dyn.com, NO-IP.com,

HiDDNS, and IPServer

- Management Setting: maximum 32 user accounts
- Supports remote management
- Compatibility: Internet Explorer® 9.0 or higher, Firefox® 13.0 or higher, Safari® 4.0 or higher, Chrome™ 24.0 or higher

TRENDnetView Pro 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® 8.1, 8, 7, Vista, XP, Windows Server® 2003, 2008

TRENDnetVIEW App

- Free Apple® and Android™ app
- View your camera on your mobile device
- Take snapshots
- Zoom

Warranty

- 3 year limited

Package Contents

- TV-IP310PI
- CD-ROM (Utility Software & User's Guide)
- Multi-Language Quick Installation Guide
- Camera mounting hardware
- (Optional power supply sold separately)

