TRENDnet®

Indoor / Outdoor 3MP Full HD PoE Dome Day / Night Network Camera

TV-IP311PI (v1.1R)

- 3 Megapixel resolution
- Compact IP66 weather rated housing
- Night vision up to 25 meters (82 ft.)
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Vandal resistant housing
- Digital Wide Dynamic Range image balancing
- ONVIF and IPv6 support

The Indoor / Outdoor 3MP Full HD PoE Day / Night Network Camera, model TV-IP311PI, provides powerful 3 megapixel night vision in complete darkness for up to 25 meters (82 ft.). This ultra-compact vandal resistant fixed dome 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

Vandal Resistant
Impact protection rated: IEC60068-275Eh, 50J; EN50102, exceeding IK10

Performance

3 Megapixel
Record 2048 x 1536 pixel video at 15 fps in H.264 compression

Night Vision
Night vision up to 25 meters (82 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

TRENDnet

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°

Pan/Tilt (Manually)
- Pan: 356°
- Tilt: 15 - 90°

Minimum Illumination
- IR off: 0.05 lux
- IR on: 0 lux
- 25 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)
- LED indicator
- 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
- 111 x 111 x 82 mm (4.4 x 4.4 x 3.2 in.)
- Weather rating: IP66

Weight
- 456 g (16.1 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 12VDC1A, 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, 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)
- Search and playback
- 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 your camera on your mobile device
- Take snapshots
- Zoom

Warranty
- 3 year limited

Package Contents
- TV-IP311PI
- CD-ROM (Utility Software & User's Guide)
- Multi-Language Quick Installation Guide
- Camera mounting hardware
- (Optional Power Supply sold separately)

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