Indoor/Outdoor 5MP H.265 WDR PoE Enhanced IR Network Camera

TV-IP1313PI (v1.0R)

- Easy Cloud P2P QR code installation
- 5MP HD video (2944 x 1656) at 20 fps
- ENHANCED IR LEDs for long range night vision up to 80 meters (262 ft.)
- Outdoor IP67 weather rating
- 120dB Wide Dynamic Range image balancing
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Micro SD card slot (up to 128GB)
- Free iOS® and Android™ mobile apps

TRENDnet's Indoor/Outdoor 5MP H.265 WDR PoE ENHANCED IR Network Camera, model TV-IP313PI, provides day and night surveillance with a night vision range of up to 80 meters (262 ft.). ENHANCED IR uses powerful energy efficient infrared LEDs to produce a balanced night vision illumination field and reduces close object overexposure. This network camera delivers year-round surveillance with an IP67 weather rated housing to withstand outdoor environments. Record up to 5MP HD video at 20 fps in a space saving H.265 compression format. View live video with included complimentary software and mobile apps.

Day/Night HD Surveillance
Powerful 5MP video in H.265 compression and 80m night vision provides 24-hour surveillance.

Outdoor Ready
Built for outdoor environments with an IP67 weather rating and an operating temperature range of -30° – 60° C (-22° – 140° F).

Advanced Night Vision
Advanced ENHANCED IR LEDs provide long-range night vision and significantly reduce close object overexposure—common with standard infrared LEDs.

NETWORKING SOLUTION

1. Articulating mounting arm and base
2. PoE port
3. Optional power port
   (Power adapter not included)
4. IP67 weather rated
5. Adjustable sun visor
6. ENHANCED IR LEDs

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FEATURES

5 Megapixel
Record up to 5MP HD video (2944 x 1656) at 20 fps in the space saving H.265 compression format.

ENHANCED IR Night Vision
Advanced ENHANCED IR LEDs provide long-range night vision up to 80m (262 ft.) and significantly reduce close object overexposure—common with standard infrared LEDs.

PoE
Save installation costs with Power over Ethernet (PoE)

Outdoor Ready
Outdoor IP67 weather rated housing

Adjustable Mounting Base
Fully adjustable integrated mounting base provides installation flexibility

Storage
Record video to a network storage device or to a Micro SD card (up to 128GB not included).

Advanced Playback
Advanced in-camera archived video playback 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.

Wide Dynamic Range (WDR)
Adjustable 120dB WDR setting improves image quality and focus 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 event based recording modes.

ONVIF
ONVIF Profile S and Profile G

Complimentary Software
Complimentary pro-grade software to manage TRENDnet cameras

Complimentary Apps
Live video to a mobile device with free iOS® and Android™ apps

SPECIFICATIONS

Lens

- Focal Length: 4mm @ F1.2
- Sensor: 1/2.9" CMOS sensor
- Digital zoom: 4x
- WDR: 120dB

Viewing

- Horizontal angle: 63.5˚
- Pan: 0° to 360°
- Tilt: 0° to 90°
- Rotate: 0° to 360°

Minimum Illumination

- IR off: 0.01 lux
- IR on: 0 lux
- IR distance: 80m (262.5 ft.)
- IR wavelength: 850nm

Compression

- H.265+ / H.265
- H.264+ / H.264
- MJPEG

Resolution

- Main stream: H.265+/H.265/H.264+/H.264: 2944 x 1656 up to 20fps
- Sub stream: H.265/H.264/MJPEG: 640 x 360 up to 25fps
- Third stream: H.265/H.264: 1280 x 720 up to 25fps

Hardware Standards

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

Device Interface

- 10/100Mbps PoE port

Micro SD card slot

- Power jack
- Reset button
- Micro SD slot
- Supports Micro SD/SDHC/SDXC (not included)
- Up to 128GB

Housing

- IP67 weather rated

Network Protocol

- IPv4, IPv6, UDP, TCP/IP
- DHCP, NTP, DDNS, SMTP, FTP, LLTD
- SNMP v1, v2c, v3, QoS/DSCP, IEEE 802.1X
- NFS, SMB/CIFS
- HTTP, HTTPS
- PPPoE
- UPnP, RTSP, RTP

Compliant Standard

- ONVIF (Profile S, Profile G)

Management Interface

- Multi-language support: English, French, German, Spanish, and Portuguese
- Image settings: Brightness, Contrast, Saturation, Sharpness, Exposure Time, image Gain, Day/Night switch. Smart Supplement Light (Smart IR), BLC, WDR, white balance, Digital Noise Reduction, Mirror, Rotate, Scene Mode, Video Standard
- WDR enhances video quality in high contrast daytime lighting
- Digital Noise Reduction removes digital noise from the video signal
- Recording: to computer, or SAMBA share
- Time, date, and text overlay
- IP Address Filter
- Video Recording: scheduled, motion detection, and tamper detection
- Motion detection: define up to three motion detection areas and motion sensitivity
- Video masks: define custom video masks
- Tamper detection function: email notification
- Snapshot: real time snapshot and motion triggered
- Supported dynamic DNS services: dyn.com and no-ip.com
- Supports remote management
- Compatible browsers: Chrome™ or Firefox® (live view resolution up to 1280 x 720), Internet Explorer® (live view resolution up to 2944 x 1656)

Dimension

- 300 x 105 x 105mm (11.8 x 4.1 x 4.1 in.)

Weight

- 1.2kg (2.64 lb.)

Operating Temperature

- -30° – 60° C (-22° – 140° F)

Humidity

- Max. 95% non-condensing

Power

- Input: PoE
- Max. consumption: 12.5W

Power Adapter (optional model: 12VDC1A)

- Input: 100 – 240V AC , 50/60Hz
- Output: 12V DC, 1A external power adapter

TRENDnet Mira VMS

- Supports TRENDnet cameras
- Set recording options (motion detection, schedule, event trigger)
- Search and playback
- Custom viewing modes and options
- Compatibility: Windows® and Mac®

TRENDnet Mira App

- Free iOS® and Android™ apps
- View live camera video
- Push notifications
- Take snapshots and videos
- Playback
- Share live view to family members or friends

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TV-IP1313PI
- Weather seal
- Quick installation guide
- Camera mounting hardware