



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

TV-IP313PI (v1.0R)

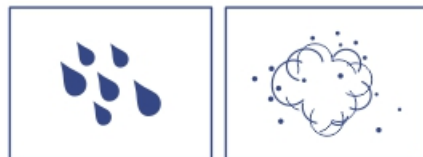
- 5MP HD video (2944 x 1656) at 20 fps
- ENHANCED IR LEDs for long range night vision up to 80 meters (262 ft.)
- Outdoor IP67 weather rating
- 120dB Wide Dynamic Range image balancing
- Save installation costs with Power over Ethernet (PoE)
- Program motion detection recording and email alerts
- Micro 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



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



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/PSIA

ONVIF Profile S, Profile G and PSIA compliant



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	<ul style="list-style-type: none"> • Focal Length: 4mm @ F1.2 • Sensor: 1/2.9" CMOS sensor • Digital zoom: 4x • WDR: 120dB
Viewing	<ul style="list-style-type: none"> • Horizontal angle: 63.5° • Pan: 0° to 360° • Tilt: 0° to 90° • Rotate: 0° to 360°
Minimum Illumination	<ul style="list-style-type: none"> • IR off: 0.01 lux • IR on: 0 lux • IR distance: 80m (262.5 ft.) • IR wavelength: 850nm
Compression	<ul style="list-style-type: none"> • H.265+ / H.265 • H.264+ / H.264 • MJPEG
Resolution	<ul style="list-style-type: none"> • Main stream: H.265+/H.265/H.264+/H.264: 2944 x 1656 up to 20 fps • Sub stream: H.265/H.264/MJPEG: 640 x 360 up to 30 fps • Third stream: H.265/H.264: 1280 x 720 up to 30 fps
Hardware Standards	<ul style="list-style-type: none"> • IEEE 802.1x • IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.3af
Device Interface	<ul style="list-style-type: none"> • 10/100Mbps PoE port • Micro SD card slot • Power jack • Reset button
Micro SD slot	<ul style="list-style-type: none"> • Supports Micro SD/SDHC/SDXC (not included) • Up to 128GB
Housing	<ul style="list-style-type: none"> • IP67 weather rated
Network Protocol	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI
Dimension	<ul style="list-style-type: none"> • 300 x 105 x 105mm (11.8 x 4.1 x 4.1 in.)
Weight	<ul style="list-style-type: none"> • 1.2kg (2.64 lb.)
Operating Temperature	<ul style="list-style-type: none"> • -30° – 60° C (-22° – 140° F)
Humidity	<ul style="list-style-type: none"> • Max. 95% non-condensing
Power	<ul style="list-style-type: none"> • Input: PoE • Consumption: Max. 12.5W
Power Adapter (optional model: 12VDC1A)	<ul style="list-style-type: none"> • Input: 100 – 240V AC , 50/60Hz • Output: 12V DC, 1A external power adapter

Specifications

Management Interface	<ul style="list-style-type: none"> 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® or Safari® (live view resolution up to 2944 x 1656)
TRENDnetVIEW EVO Software	<ul style="list-style-type: none"> 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, Windows Server® 2012, 2008
TRENDnet IPVIEW App	<ul style="list-style-type: none"> Free iOS® and Android™ apps View live camera video on a mobile device Take snapshots Zoom
Certifications	<ul style="list-style-type: none"> CE FCC
Warranty	<ul style="list-style-type: none"> 3 year
Packaging Contents	<ul style="list-style-type: none"> TV-IP313PI Weather seal Quick installation guide Camera mounting hardware