



IP-H3

3MP Outdoor Wi-Fi Pan/Tilt Camera



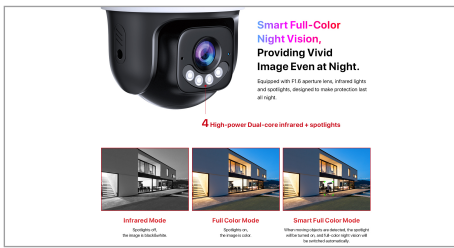
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Product Introduction

The Outdoor Wi-Fi Pan/Tilt Camera IP-H3 is a high-performance outdoor surveillance camera that integrates 3MP resolution video, 360° visual coverage, Full-Color night vision, full-duplex two-way audio, human detection, vehicle detection, line crossing detection, intrusion detection, scene change detection, sound and light alarm functions. The product is mostly used for outdoor monitoring scenarios such as courtyard, farms and shops, etc. The users can access the video via wireless or wired connection to the Internet.

Product Features



Smart Full-Color Night Vision, Providing Vivid Image Even at Night

Equipped with F1.6 aperture lens, infrared lights and spotlights, designed to make protection last all night.



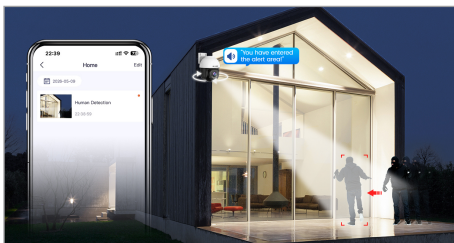
Human and Vehicle Detection with Deep-Learning Algorithms

Empowered by an NPU module and a high-performance SOC boasting advanced deep-learning technology, the camera can accurately detect humans and vehicles, thus minimizing false alarms.



360° Panoramic Coverage Omnidirectional Protection

Being able to pan and tilt to take in a 360-degree field-of-view, providing all-around protection, you can adjust the angle through the TDSEE APP to view every corner in real time.



Smart Human Tracking, Audio & Light Alert

When people enter the protected area, the camera will automatically tracking and giving an audible warning with spotlight flashing (three audio alarms can be customized), after tracking is completed, the camera will return to the position you need to guard.



24/7 Perimeter Protection Focus More on the Key Areas

Camera enables precise line-crossing and intrusion detection. Upon detecting human or vehicle presence within the monitored area, the camera promptly triggers both sound and light alerts, effectively deterring unwanted visitors.



Bluetooth Pairing, Ready Fast

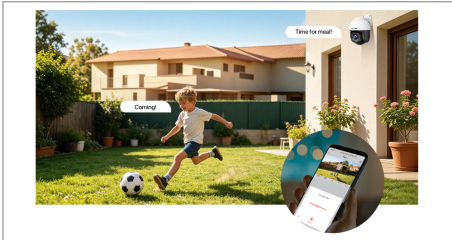
No QR code scanning, no Wi-Fi switching needed. More stable, faster and simpler than sound wave and AP connection. Easy for both the elderly and children to operate.

Product Features



Next-level Wi-Fi6 Technology, Stable and Smooth Video

With the latest Wi-Fi6 technology, built-in special antenna for signal enhancement, it offers better anti-interference performance and lower latency compared to Wi-Fi4, allowing your security range wider.



Two-Way Audio Easy Communication Anytime & Anywhere

Real-time two-way audio enables you to chat with your family anytime, anywhere, delivering heartfelt greetings to your loved ones.



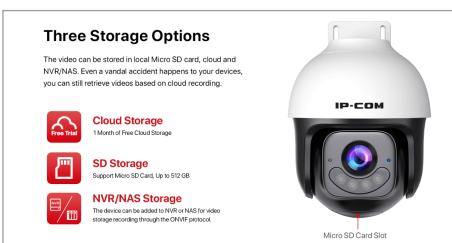
Sharing Camera to Your Family to Protect Safety Jointly

Enhance safety by sharing the camera with your family. Each member can monitor home situations and collaborate to ensure family security.



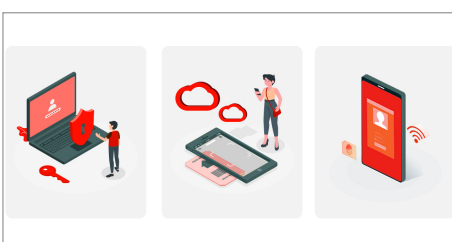
Waterproof and Dustproof

With waterproof and dustproof design, the camera can withstand rainy, sunny, stormy, and even snowy weathers.



Three Storage Options

The video can be stored in local Micro SD card, cloud and NVR/NAS. Even a vandal accident happens to your devices, you can still retrieve videos based on cloud recording.



Triple Encryption Ensures Data Security

Triple encryption protection is applied to data transmission, cloud storage, and account login to ensure the security of your security data and personal privacy.

Product Features

With Adjustable Bracket, Support Multiple Mounting Methods

Equipped with an adjustable bracket, the camera can be mounted on the ceiling and wall with screw, or mounted on the pole with strap.



Ceiling Mounting



Wall Mounting



Pole Mounting

With Adjustable Bracket, Support Multiple Mounting Methods

Equipped with an adjustable bracket, the camera can be mounted on the ceiling and wall with screw, or mounted on the pole with strap.

Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS sensor
Day & Night	ICR type
Bracket Angle Adjustmat	/
Lens	
Focal Length	4mm
Aperture	F1.6
FOV	Horizontal FOV: 79.8°, Vertical FOV: 49°, Diagonal FOV: 87.4°
Illuminator	
Supplementary Light	4 IR Lights, 4 Spotlights
Supplementary Light Distance	Up to 30 m/100 ft (depending on environment)
IR Wavelength	850nm
Night Vision Mode	Smart Mode, Full Color Mode, Black & White Mode
Video	
Video Encoding Format	H.265, H.264
Main Stream Resolution	2304 × 1296, 1920 × 1080, 1280 × 720
Sub Stream Resolution	768 × 432
Frame Rate	1-30fps, Default 20fps
Bit Rate	512kbps -- 4096kbps
Bit Rate Control	CBR,VBR
Audio	
Audio Encoding Format	G.711A, G.711U
Audio Sampling Rate	8 kHz
Audio Communication	Two-way Audio, Voice Input
Image	
Image Enhancement	DWDR, BLC, HLC, 3D DNR
Privacy Mask	4 Areas

Specification

Network	
Ethernet Port	1 RJ45, 10Mbps/100Mbps auto-negotiation Ethernet port
ONVIF	Support
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, ARP, WebSockets
Client	TDSEE (mobile phone)
Web Browser	Plug-in free live view: Chrome, Edge, Opera
Pan&Tilt	
Pan Movement Range	0°-355°
Tilt Movement Range	0°-90°
Preset	6
Patrol	Panoramic Patrol, Preset Patrol
Wi-Fi	
Antenna	Internal antenna
Wireless Standard	IEEE 802.11 b/g/n/ax
Transmission Rate	Up to 287Mbps
Channel Width	20/40 MHz
Modulation	DSSS/OFDM/OFDMA
Frequency Band	2.4GHz: 2412MHz-2472MHz(CH1-CH13)
Transmit Power	2.4GHz: <0.1W(EIRP)
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Alarm	
Smart Detection	Human Detection, Vehicle Detection, Line Crossing Detection, Intrusion detection, Scene Change Detection, Tampering Detection
Smart Linkage	Sound&light Alert, Human Tracking
DIY Audio	3 Customized Audios

Specification

Interface	
Audio Input	Built-in MIC, adjustable microphone volume
Audio Output	Built-in Speaker, 83 dBA (Alarm sound at 1 meter), adjustable sound level
Storage	Supports up to 512 GB Micro SD card
Reset Button	Support
LED Indicator	Dual color (red & blue) LED indicator
General	
Power	12 V DC, 1A, Ø5.5mm&Ø2.1mm Power Plug
Material	Plastic
Smart Integration	Amazon Alexa
Product Dimension	146mm x 120mm x 120mm (5.7" x 4.7" x 4.7")
Package Dimension	251 mm x 167 mm x 131 mm (9.9" x 6.6" x 5.2")
Product Weight	370g (0.82lb)
With Package Weight	820g (1.81lb)
Protection Level	IP65
Installation Method	Wall Mounting, Ceiling Mounting, Pole Mounting
Certification	CE, RoHS, FCC, RCM, UKCA
Temperature	Operating Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Storage Temperature: -40°C ~ 70°C (-40°F ~ 158°F)
Humidity	Operating Humidity: 10% ~ 95% RH (non-condensing) Storage Humidity: 3% ~ 95% RH (non-condensing)
Package Contents	Camera Power Adapter (cord length: 3m) Installation Template Mounting Bracket Mounting Accessories Kit Waterproof Kit Quick Installation Guide



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