



H5 PoE **2K**


Smart PoE Security Camera


Guard your property with great reliability

The new H5 PoE camera is your reliable companion for outdoor security. The practical combination of network and power supply via a single cable makes installation a breeze and slashes maintenance costs. Enjoy the smartness of advanced person and vehicle detection, and responsive, activity-triggered auto-defense to keep your home or business well protected even without your presence. Day or night, rain or shine, the H5 PoE provides reliable performance and gives you peace of mind with minimal upkeep.


PoE Power over Ethernet

2K 2K Resolution


 AI-Powered Human / Vehicle Shape Detection

 Color Night Vision


 Active Defense with Siren & Strobe Light

 Two-Way Talk

 IP67 Weatherproof Design

 Smart Integration with Google Assistant & Amazon Alexa¹

H.265 H.265 Video Compression

 Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage²



One cable to connect and provide power

No more tangled wires and complicated setups with the H5 PoE camera. With fewer cables and components needed, it connects directly to your network, draws power, and streams high-quality video — all through a single Ethernet cable.



Non-Stop Power



Cost-Effective Installation



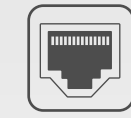
Stable Network



Simple Maintenance



H5 PoE Camera



Ethernet Port

Trusted protection in 2K clarity


Ready to watch over your home entrance or your busy store front, the H5 PoE captures the surroundings vividly and sharply, so you don't have to stress yourself to identify the details in a pixelated footage.


Crisp 2K




Advanced detection for enhanced peace of mind

The on-device AI chip enables the camera to detect walking people and moving vehicles in particular, which greatly reduces false alarms caused by trivial objects. It promptly notifies you if a visitor enters your monitored area or if a car is parked there.

 AI-Powered Human / Vehicle Shape Detection

 Customizable Detection Zone

 No Subscription Fee



Adjustable sound and light alarm

The camera offers an additional level of security with its active defense function. When it notices intruders, it triggers a powerful siren and flashes at them with two spotlights³ to warn them on the spot. What's more, users can flexibly adjust the sound and light alarm settings to suit their preferences.



Designed to make protection last all night

01 *Impressive, far-reaching night vision*

The H5 PoE camera ensures that no one sneaks in under the cover of darkness. It helps you see far enough to know what's going on around your home.



02 *Three useful night vision modes will suit any need*

- **Full-color night vision**

With its F1.6 large-aperture lens and dual built-in spotlights, the H5 PoE adds lights to video for improved clarity, resulting in vibrant and detailed color imaging for enhanced home security.

- **Black-and-white night vision**

If you don't want the lighting to disturb your neighbors, just go with the infrared night vision by changing on the EZVIZ App.

- **Smart night vision**

Or, let the camera decide. In smart mode, the camera will automatically light up the environment upon detection of human motion.



Communication at anytime

Simply use your smartphone to see, hear and talk to anyone who shows up at your property area.

Durable IP67-rated enclosure

To better protect your property, the camera is weatherproof to deliver long-standing performance, even in tough weather conditions.

Hands-free control

With integration to your voice assistants, you can pull up the video feed by simply saying "Alexa" or "Hey Google."¹

H.265 video technology

H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by cameras with H.264.⁴

Dual storage options

Safely store important moments or cute memories on a large local storage card, or by subscribing to the EZVIZ CloudPlay.²

We're committed to protecting with trust

We put security as the primary goal of every product and system that we build, and assiduously improve our practices to better protect your device, data and privacy.

[Learn more about our security practices >](#)



End-to-end Data Encryption

AES
Data Encryption

TLS
Data Transmission Encryption

Our global certifications in the fields of **information security, privacy information security, and cloud security**



1 Amazon Alexa and Google Assistant are not available in certain languages and countries.

2 Local storage cards must be purchased separately. The cloud storage service is only available in certain markets. Please verify availability before making a purchase.

3 The spotlight will not flash when Color Night Vision mode is enabled.

4 Data from EZVIZ Lab's test results under standard conditions. The video compression efficiency will vary with the frequency and complexity of the activity captured, as well as other environmental factors.

Specifications CS-H5-R201-1H3EKFL

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm @ F1.6, view angle: 102°(Diagonal), 86° (Horizontal), 46° (Vertical) 6mm@ F1.6, view angle:62°(Diagonal), 52° (Horizontal), 28° (Vertical)
Minimum Illumination	0.01 lux @(F1.6 ,AGC ON) ,0 Lux with IR
Lens Mount	M12
Day / Night Switch	IR-Cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR
BLC	Supports
IR Night Vision Distance	Up to 98 ft. / 30 m

Video & Audio

Max Resolution	2304 × 1296
Frame Rate	Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra-HD; HD; Standard. Adaptive bit rate.
Audio Bit Rate	Self-Adaptive

Network

Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1 (10M / 100M Adaptive Ethernet Port)

Function

Smart Alarm	AI-Powered Human / Vehicle Shape Detection
Customized Alert Area	Supports
Two-Way Talk	Supports
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports microSD Card (Up to 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)

General


Operating Conditions	-30°C to 50°C (-22 °F to 122 °F) Humidity 95% or less (non-condensing)
IP Grade	IP67
Power Supply	DC 12V/1A, Support PoE power supply
Power Consumption	Max. 7W
Dimensions	183 × 93 × 75 mm (7.20 × 3.66 × 2.95 inch)
Packaging Dimensions	256 × 197 × 118 mm (10.08 × 7.76 × 4.65 inch)
Weight	Net Weight: 470 g With Package: 820 g

In the box

- H5 PoE Camera
- Bracket
- Screw Kit
- Waterproof Kit
- Regulatory Information × 2
- Quick Start Guide

Certifications

CE / WEEE / RoHS / REACH

Specifications are subject to change without notice. "  ", "EZVIZ" and other trademarks and logos are the properties of EZVIZ in various jurisdictions.