



H4 PoE **2K**

Smart PoE Security Camera


Simple yet sturdy for year-round protection


With the H4 PoE, a single cable is enough to supply the camera with uninterrupted power and a stable network. Simple to install but rich in its features, the camera monitors large areas with smart detections, and delivers stunning video with clear audio for all the details that matter. Safeguarding your home and business from day to night, the H4 PoE is versatile for various spaces and ready for any weather.





PoE Power over Ethernet

2K 2K Resolution


 AI-Powered Human / Vehicle Shape Detection

 Active Defense with Siren & Strobe Light

 Color Night Vision


 Enhanced Audio Pickup (Up to 15 meters)


 Two-Way Talk

 Customizable Voice Alerts

 IP67 Weatherproof Design

H.265 H.265 Video Technology

 Smart Integration with Google Assistant & Amazon Alexa¹

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

Power and data all via one cable

Thanks to the simple plug-and-play installation, the H4 PoE is supplied with power and connected to the Internet via a single Ethernet cable. It reduces dangling wires to tidy up your walls and space, while ensuring that your camera rarely goes offline due to dead batteries or lack of Wi-Fi signal.



Non-Stop
Power Delivering



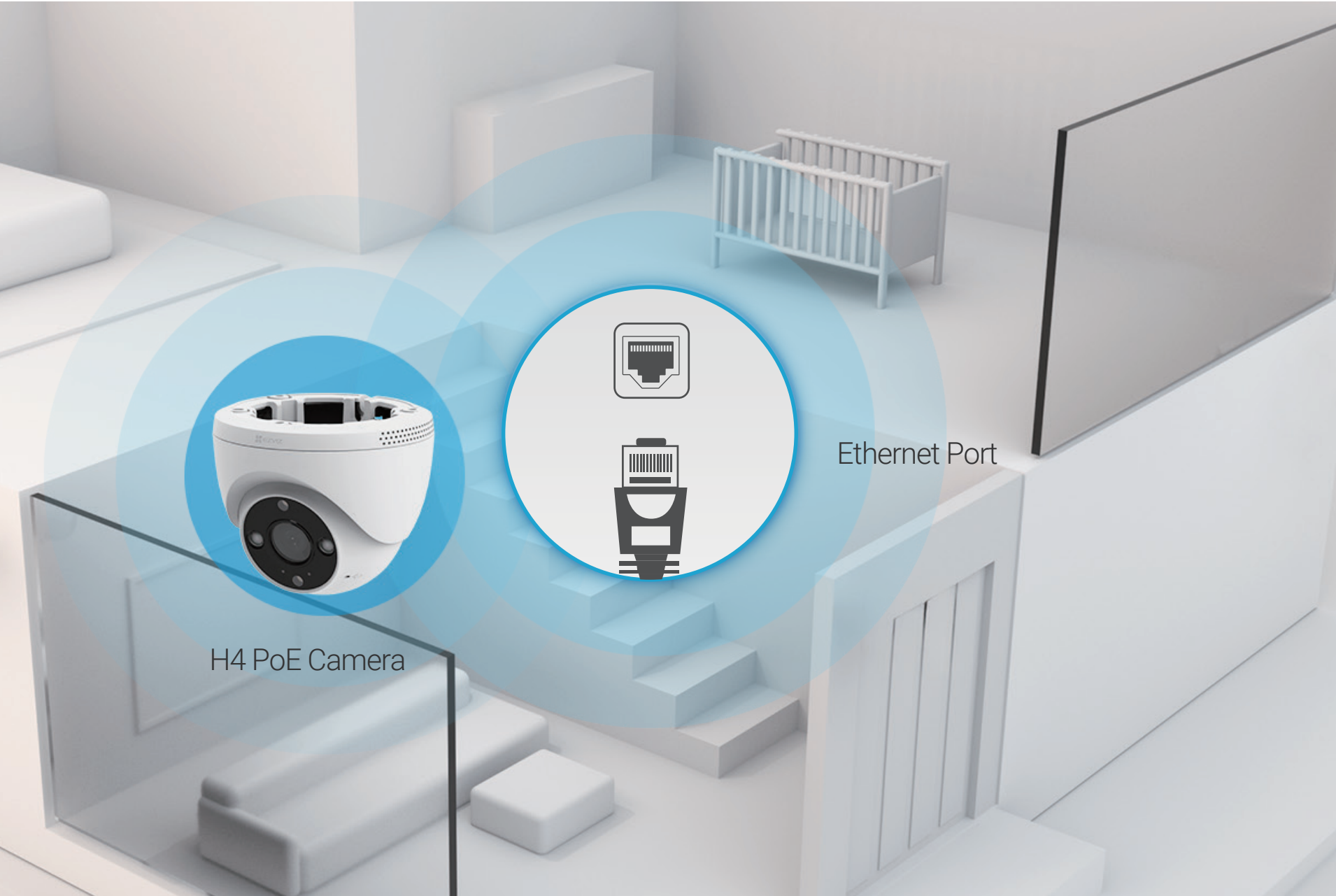
Stable
Network



Cost-Effective
Installation

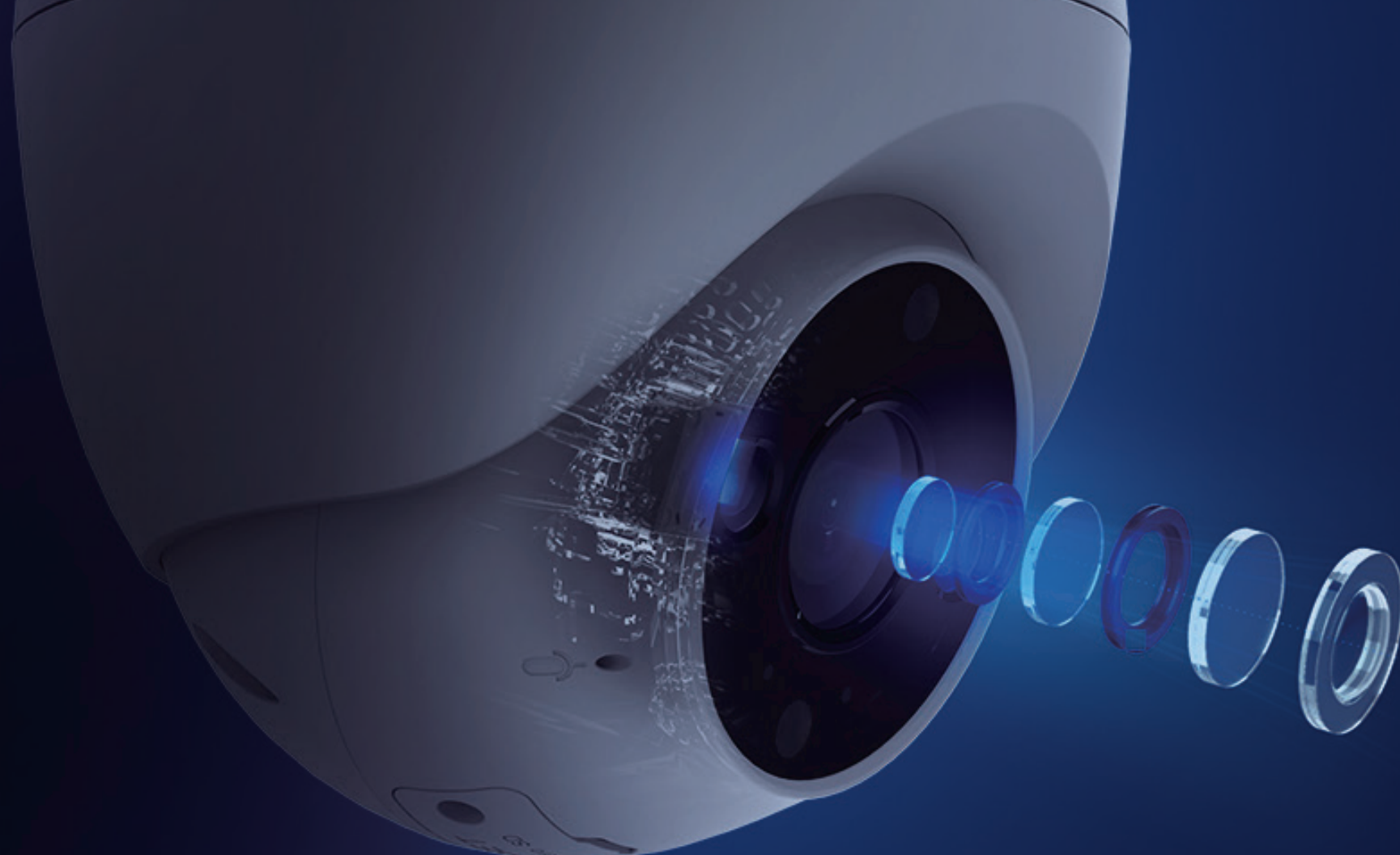


Simple
Maintenance



Get you covered indoors and outdoors

Whether it's outdoors or indoors, to protect your home or your business, the H4 PoE serves as a compact and powerful security solution that plugs in for 24/7 peace of mind.





Hard to lose any important detail

Bringing its vision to 2K, the camera can render vivid, clear images in all lighting conditions. Even visitors backlit by the sun can be seen in clarity, without appearing dark in an overly exposed background.

On-device AI for smarter detection

The camera's on-board AI algorithm helps it identify moving people and vehicles in particular. It reduces alerts caused by falling leaves or flying insects, and informs you when someone parks in your property area without permission.

 AI-Powered Human / Vehicle Shape Detection

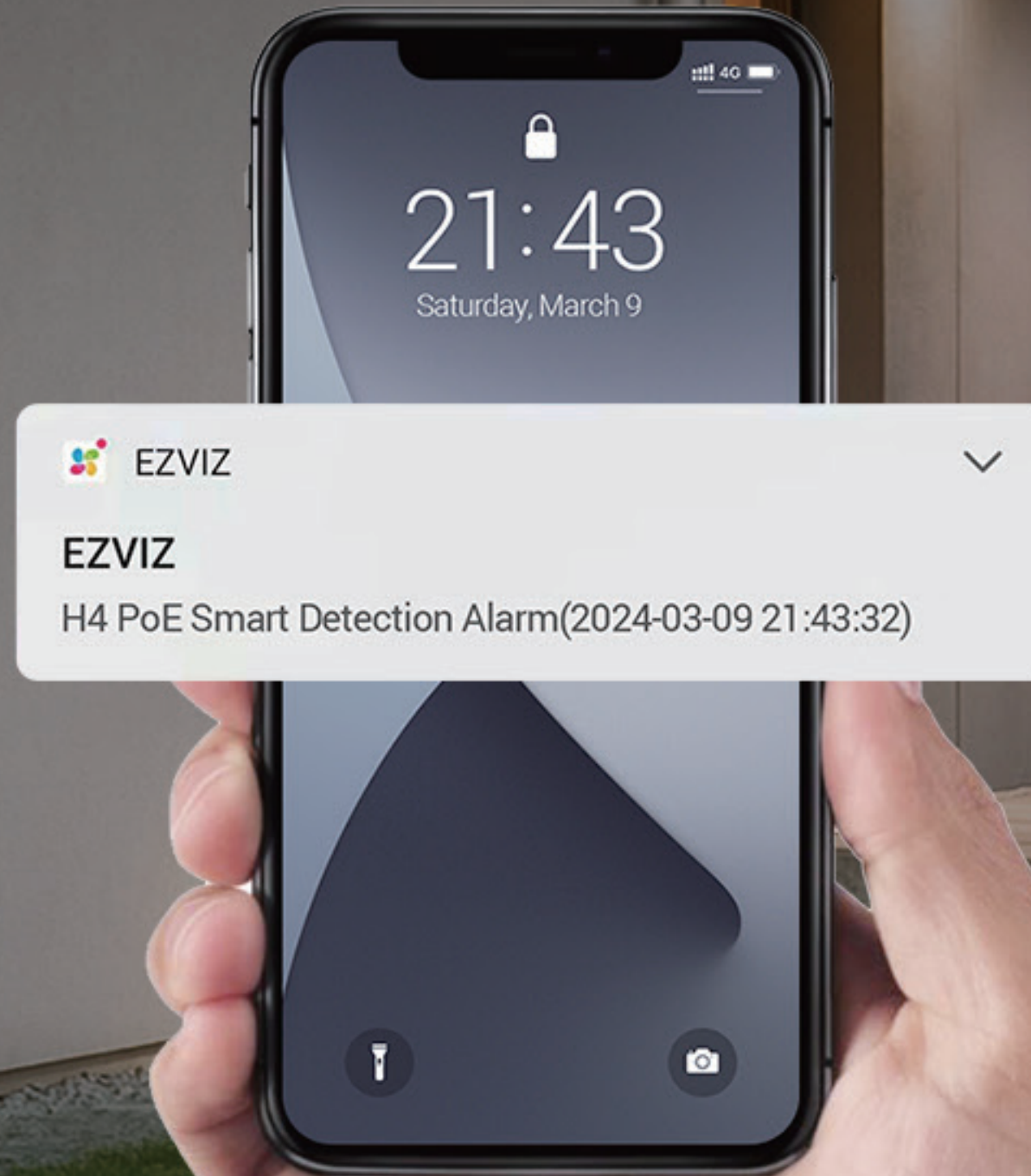
 Customizable Detection Zone

 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 H4 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 H4 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.

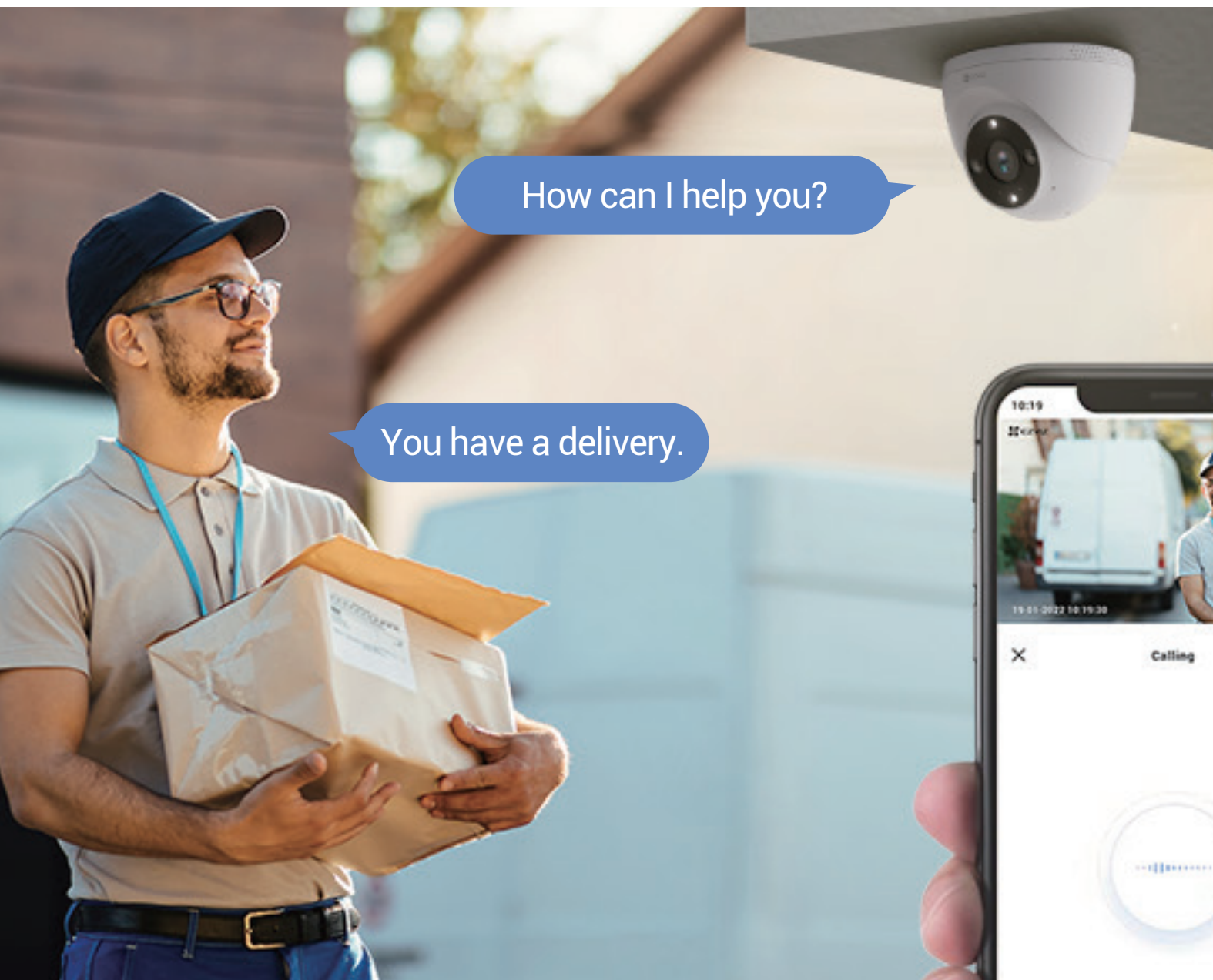
- **Smart night vision**

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



Hear what's happening

It is easier than ever to hear and see what's happening in your backyard wherever you are. The built-in dual-mic gives the H4 PoE a big boost in picking up audio clearly, pushing the pickup distance to a remarkable 15 meters.



How can I help you?

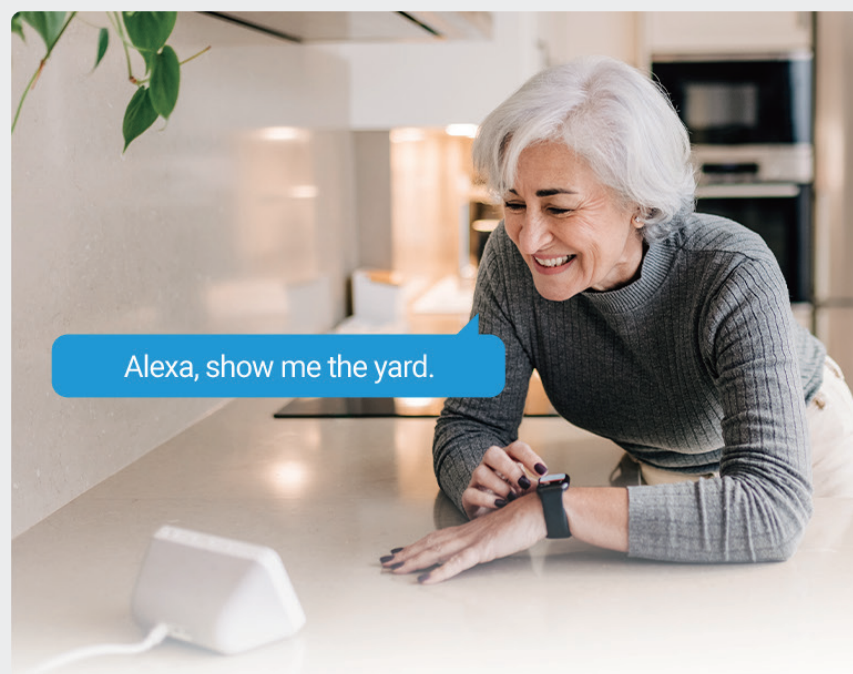
You have a delivery.

Greeting can be this easy

Enjoy two-way communication by simply using your phone. Or, pre-record specific voice messages that automatically play when people are detected on camera.

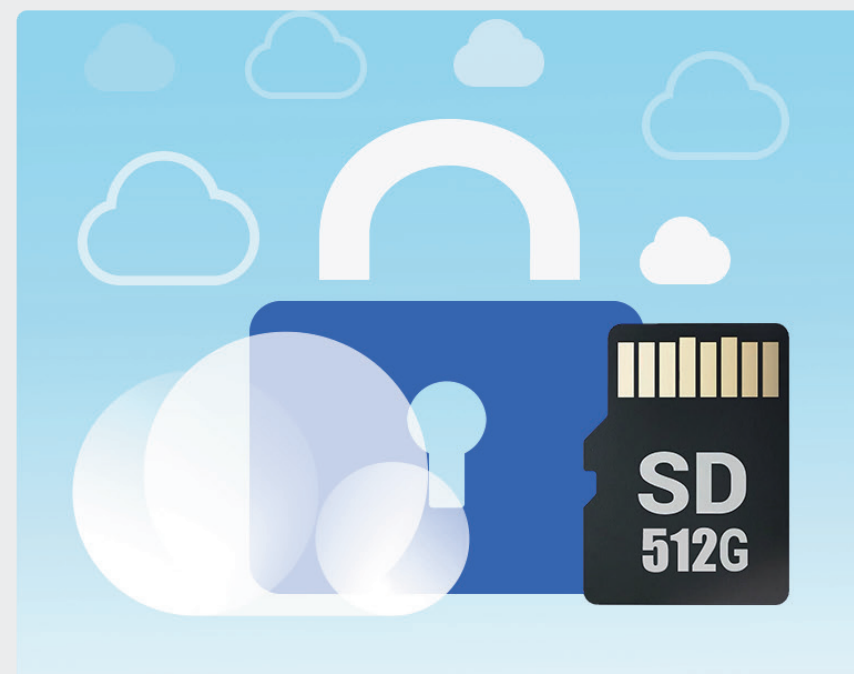
Durable in any weather

The IP67-rated H4 PoE ensures long-lasting performance even under the toughest weather conditions.



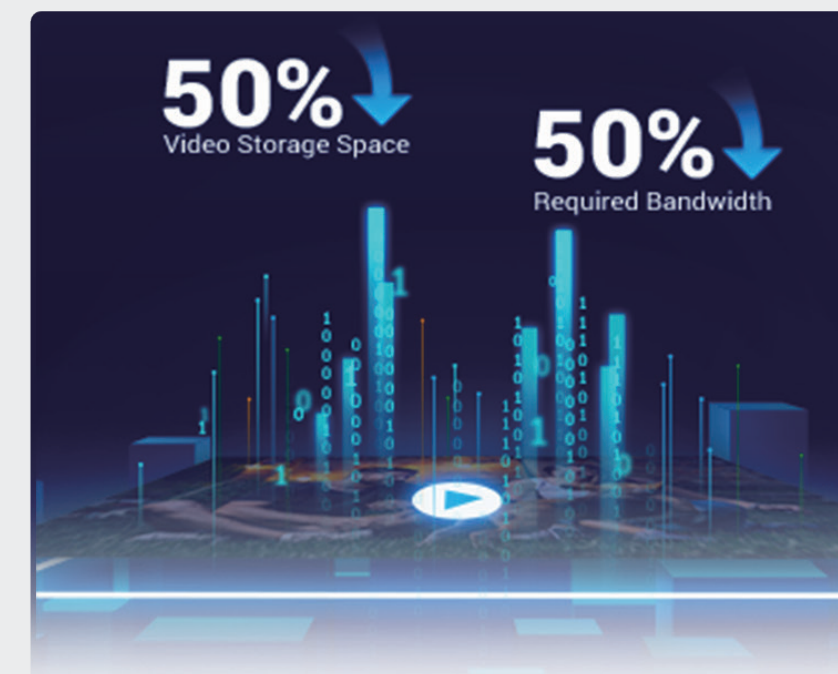
Hands-free control

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



Dual storage options

Safely store important videos on a large local storage card, or by subscribing to the EZVIZ CloudPlay.



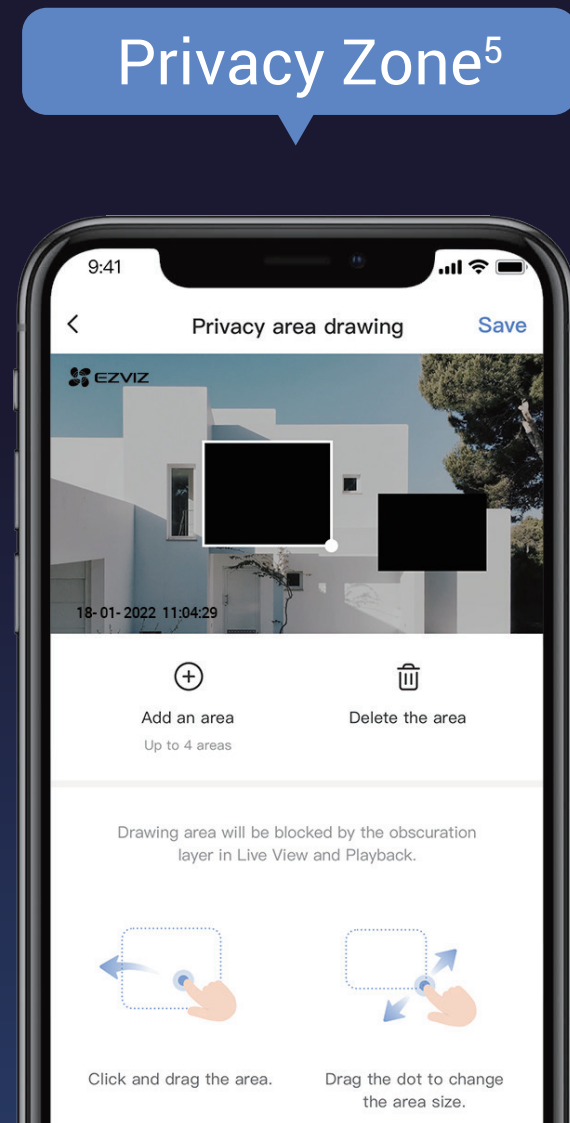
H.265 video technology

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

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**

TLS
Data Transmission
Encryption

AES
Data 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. Cloud storage service is only available in certain markets. Please verify availability before making any purchase.

3 The spotlights will not flash when the 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.

5 Users can draw in rectangles to customize up to 4 privacy zones.

Specifications **CS-H4-R201-1H3EKFL**

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm @ F1.6 Viewing angle: 106° (Horizontal), 122° (Diagonal) 4 mm @ F1.6 Viewing angle: 86° (Horizontal), 102° (Diagonal)
Lens Mount	M12
Day / Night Switch	IR-cut filter with auto-switching
DNR	3D DNR
WDR	WDR
BLC	Supports
Night Vision	Up to 30 m / 98 ft.

Video & Audio

Max. Resolution	2K (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
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1 (10 m / 100 m adaptive Ethernet port)

Function

Smart Alarm	Motion detection AI-powered human shape detection AI-Powered vehicle shape detection
Customized Alert Area	Supports
Two-Way Talk	Supports
General Functions	Anti-Flicker, Dual-Stream, Heart Beat, Mirror Image, Password Protection, Watermark

Storage

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

General


IP Grade	IP67
Operating Conditions	-30°C to 50°C (-22 °F to 122 °F) Humidity 95% or less (non-condensing)
Power Supply	DC 12V / 1 A, Supports PoE power supply
Power Consumption	Max. 8 W
Dimensions	Product dimension: 106 × 106 × 90 mm (4.17 × 4.17 × 3.54 inch) Package dimension: 133 × 131 × 159 mm (5.24 × 5.16 × 6.26 inch)
Weight	Net weight: 240 g (8.47 oz) Weight with package: 400 g (14.11 oz)

In the box

- H4 PoE Camera
- Drill Template
- Screw 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.