



H4 2K

Wi-Fi Smart Home Camera

Simple yet solid security solution

The H4 holds decent value for almost all security needs as a dome camera. With a pack of smart features, technically advanced 2K resolution, and sturdy design, it is the right one to pick if you want to cover larger or busier spaces. In addition, everything that matters can be viewed and managed in a super easy way on EZVIZ's mobile app.



2K Resolution



AI-Powered
Human / Vehicle
Shape Detection



Active Defense
with Siren and
Strobe Light



Color
Night Vision



Enhanced
Audio Pickup¹
(Up to 15 meters)



Two-Way Talk



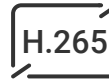
Customizable
Voice Alerts



Customizable
Detection Zone



IP67 Weatherproof
Design



H.265 Video
Technology²



Smart Integration
with Google Assistant
& Amazon Alexa³



Supports MicroSD Card
(Up to 512 GB) & EZVIZ
CloudPlay Storage⁴



Get you covered indoors and outdoors

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



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



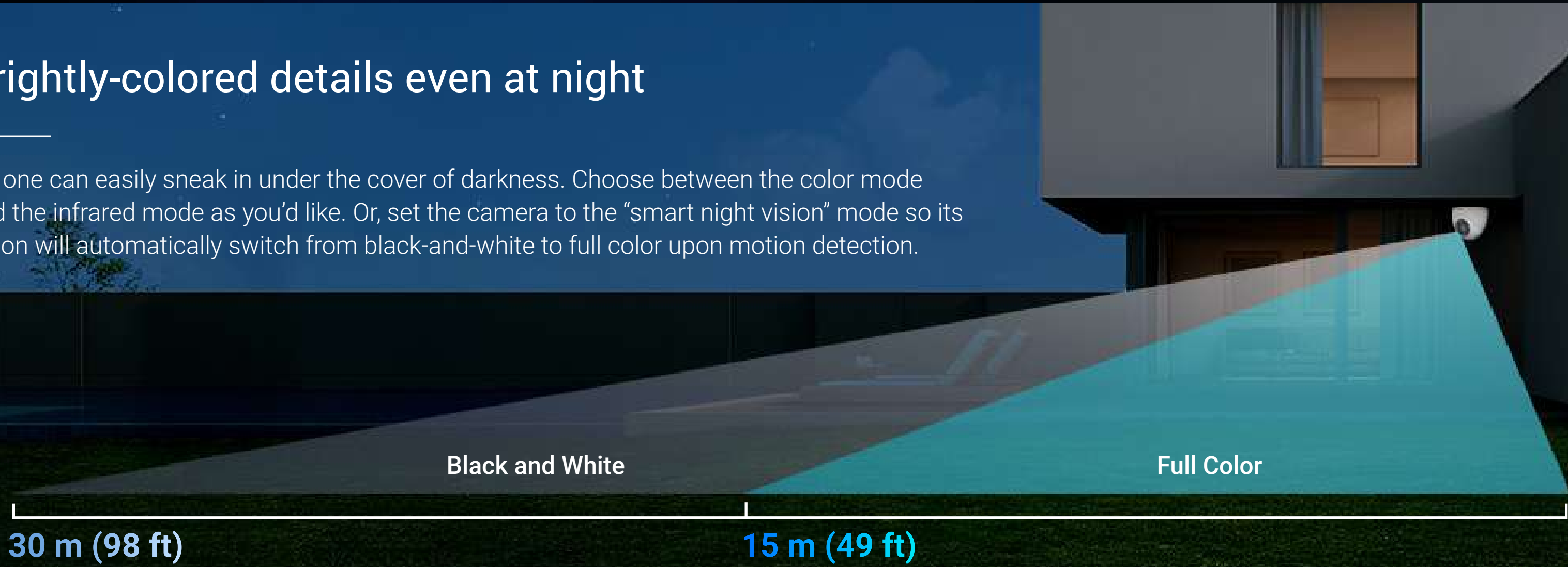


Hard to lose any important detail

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.

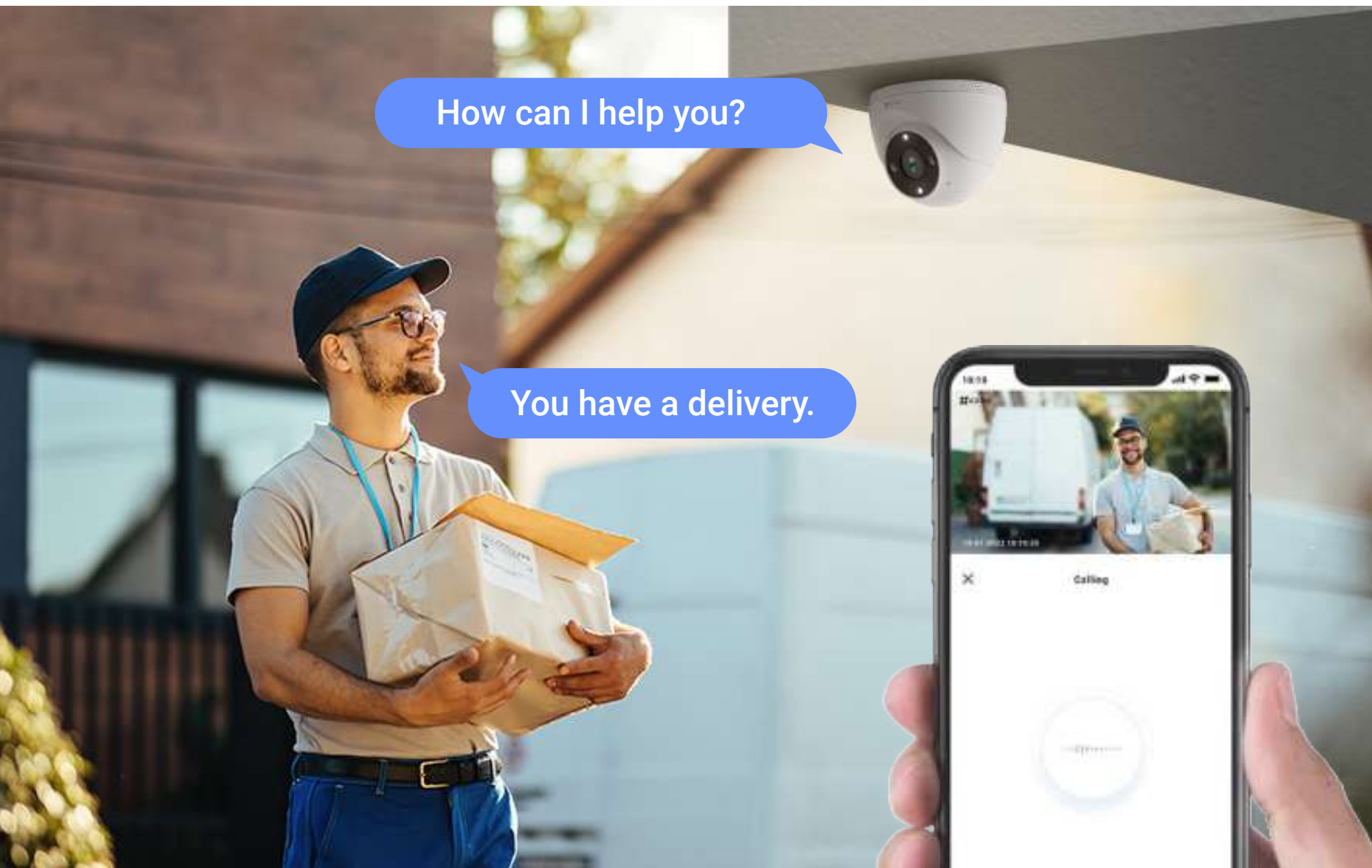
Brightly-colored details even at night

No one can easily sneak in under the cover of darkness. Choose between the color mode and the infrared mode as you'd like. Or, set the camera to the "smart night vision" mode so its vision will automatically switch from black-and-white to full color upon motion detection.



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 a big boost in picking up audio clearly, pushing the pickup distance to a remarkable 15 meters.



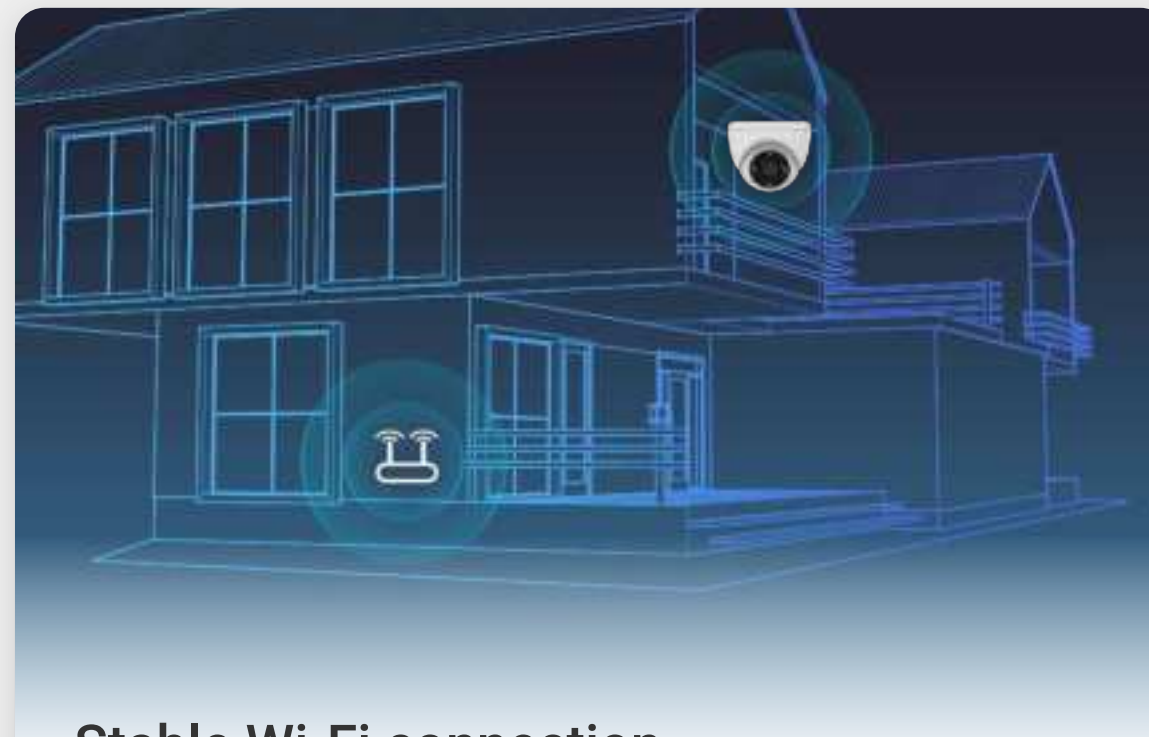
Greeting can be this easy

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



Actively guards your home

Upon detection of intruders, the camera will set off a loud siren and flash spotlights for on-site deterrence.



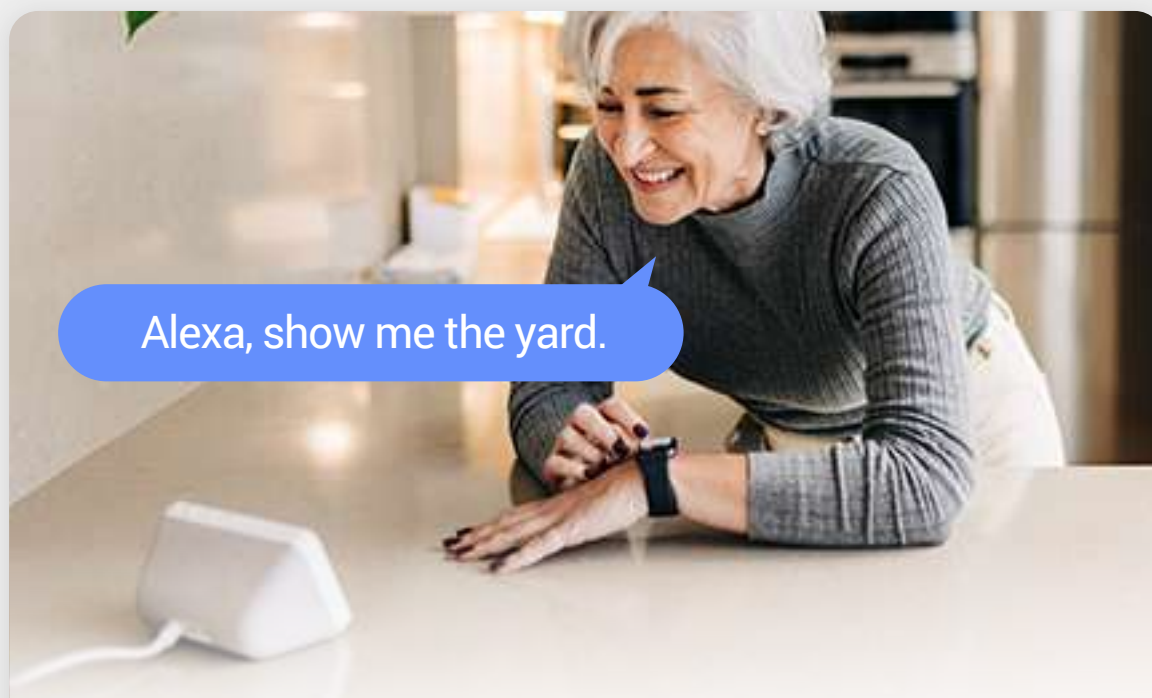
Stable Wi-Fi connection

The H4 boosts up to 200m Wi-Fi coverage thanks to its high-performance dual antennas⁵. It also offers wired options for further convenience.



Durable in any weather

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



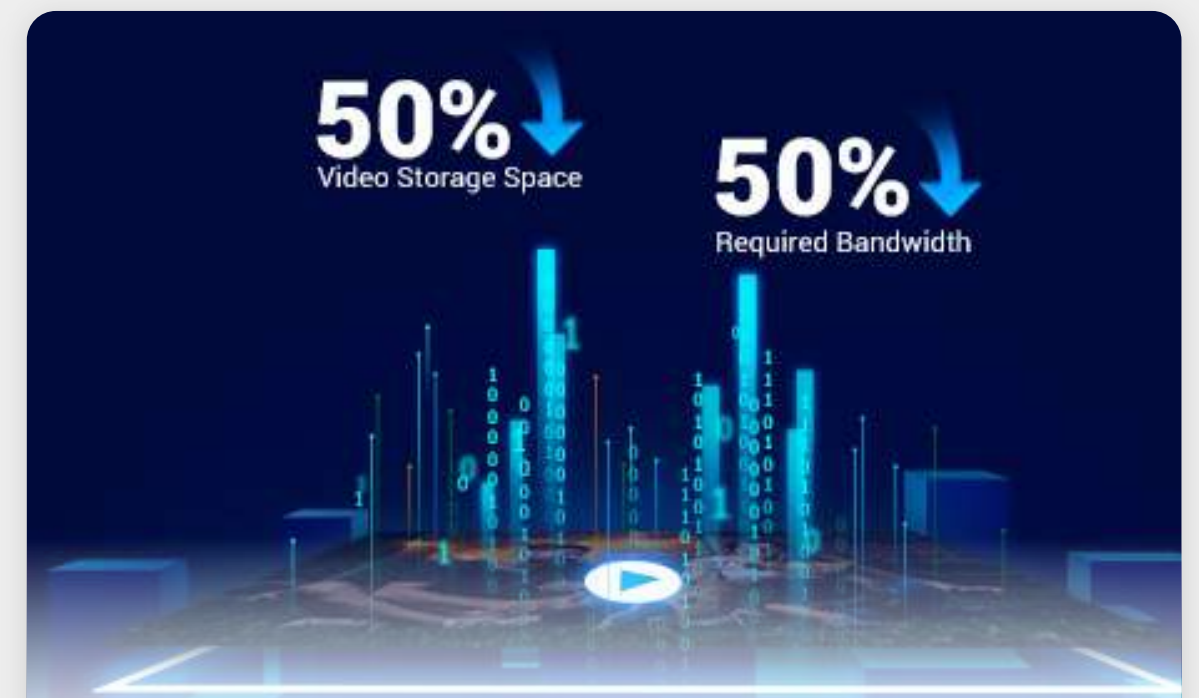
Hands-free control

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 moments or cute memories 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.

We do our best to protect data and privacy

We design the H4 to respect every private space, and to secure every byte of your data. You can set up no-filming privacy zones⁶ on EZVIZ App to make sure recording only happens when it's appropriate and allowed. Meanwhile, your recordings are fully encrypted from end to end to stay private and secure.



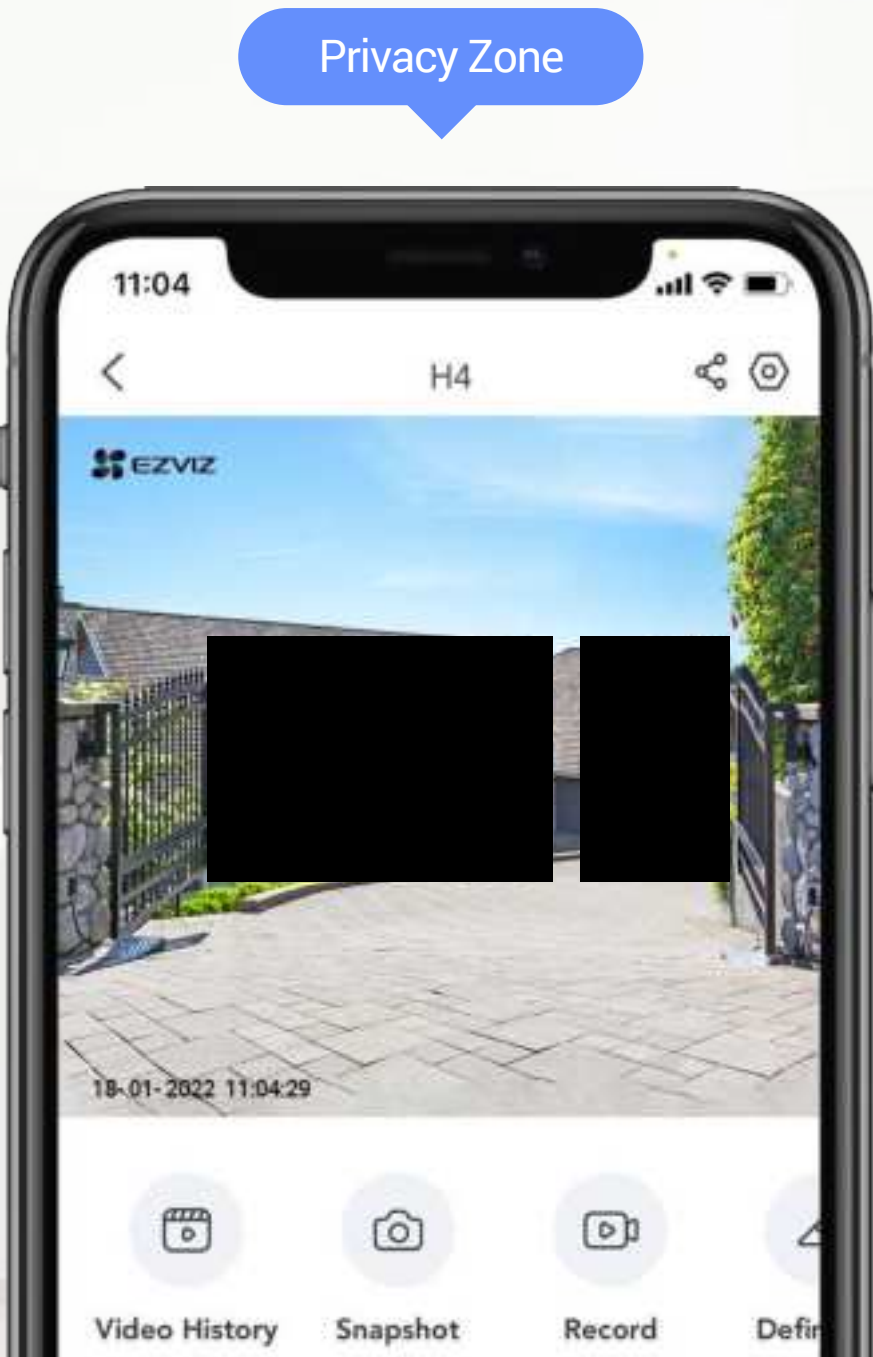
AES 128-bit encryption



TLS encryption protocol



Multi-step authentication



1 Data from EZVIZ Lab's test results under standard conditions.

2 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.

3 Google Assistant is not available in certain languages and countries.

4 Local storage cards must be purchased separately. Cloud storage service is only available in certain markets. Please verify availability before making any purchase.

5 Data from EZVIZ Lab's test results in open environment. Will vary with the Wi-Fi frequency, camera location, the transfer technology, and other environmental factors.

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

Specifications

CS-H4-R201-1H3WKFL

Camera

Image sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm, viewing angle: 106° (Horizontal), 122° (Diagonal) 4 mm, viewing angle: 86° (Horizontal), 102° (Diagonal) 6 mm, viewing angle: 52° (Horizontal), 62° (Diagonal)
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	WDR
BLC	Supports
Night Vision	Up to 98 ft / 30 m

Video & Audio

Max. Resolution	2304 × 1296
Frame Rate	Max: 25fps; 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
Max. Bitrate	3Mbps

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 20MHz
Security	64/128-bit WEP, WPA/WPA2,
Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: 150Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1(10M/100M Adaptive Ethernet Port)

Function

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

Storage

Local Storage	Supports microSD card storage (up to 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage

Specifications

CS-H4-R201-1H3WKFL

General

IP Grade	IP67
Operating Conditions	-30°C ~ 50°C, humidity 95% or less (non-condensing)
Power Supply	DC 12V / 1A
Power Consumption	MAX. 8W
Dimensions	106 × 106 × 90 mm (4.17 × 4.17 × 3.54 inch)
Weight	229 g (8.08 oz)

In the box:

- H4 2K Camera
- Power Adapter
- Drill Template
- Screw Kit
- Regulatory Information
- Quick Start Guide

Certification:

CE / UKCA / RoHS / REACH / WEEE

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