



H3 **3K**

Wi-Fi Smart Home Camera

Trusted outdoor protection with added smarts

It's possibly one of the most durable and feature-rich home cameras made for 24/7 home protection. Thanks to the built-in AI, the H3 3K sends smarter notifications on detected people, vehicles, and even a waving hand. Rendering everything in 3K clarity with color night vision, it is the right one to pick if you need a clearer view on large outdoor space – from backyard and home entrance, to family farms and parking lots.



3K Resolution



AI-Powered Human /
Vehicle Shape Detection



Color Night Vision



Waving-Hand
Recognition & Control



Customizable
Detection Zone



Customizable
Voice Alerts



Active Defense with
Strobe Light and Siren



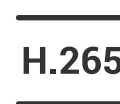
Two-Way Talk



High-Endurance
Aluminum Alloy Enclosure



IP67 Weatherproof
Design



H.265
Video Technology



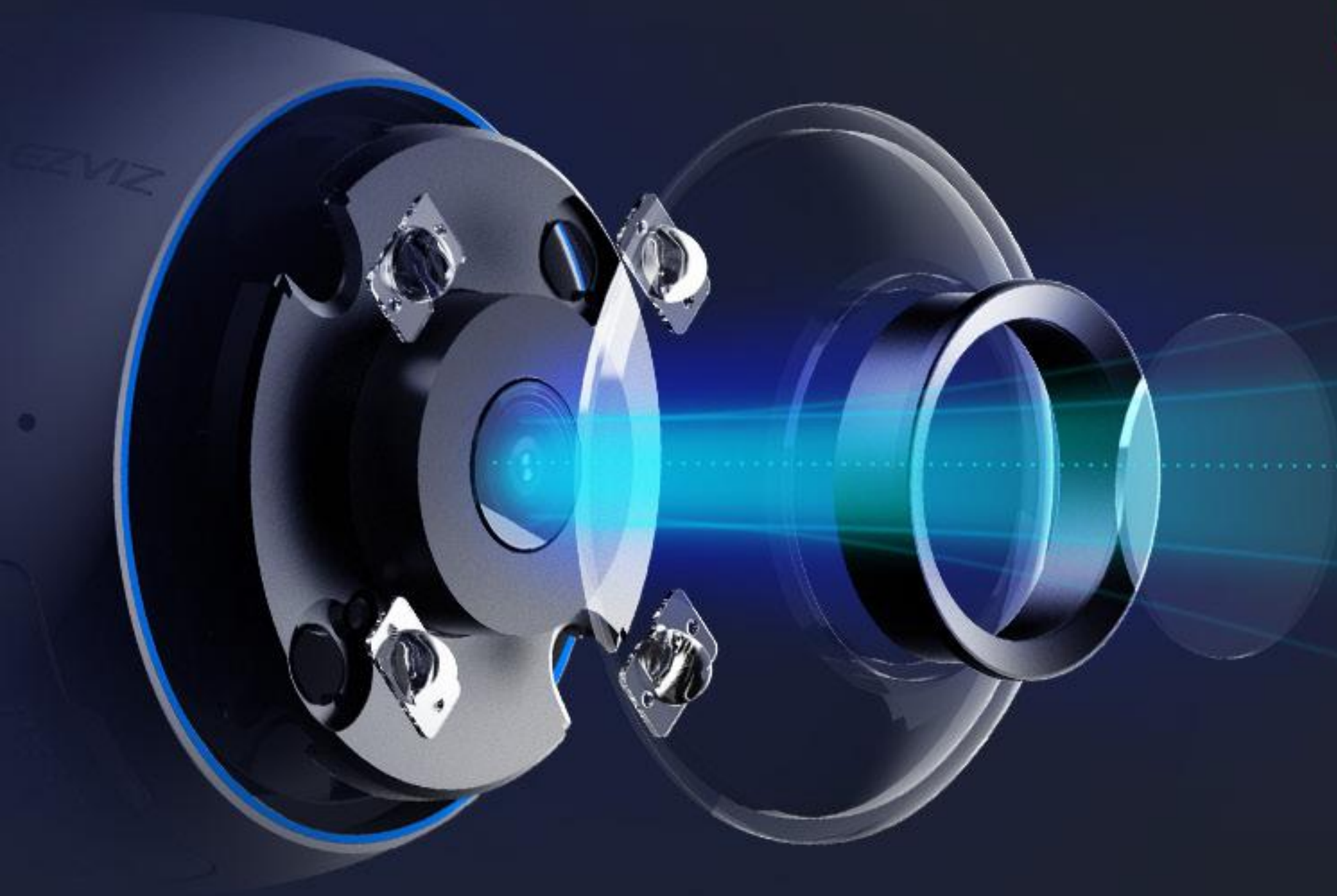
Supports MicroSD Card¹
(Up to 512 GB)



See much more and stay more in the know

With stunning 3K video clarity, it's hard to miss an important detail. Wherever and whenever, you can view important activities happening at home as if you were right there.

Crisp 3K



Useful AI features for smarter controls



Waving-Hand
Recognition & Control



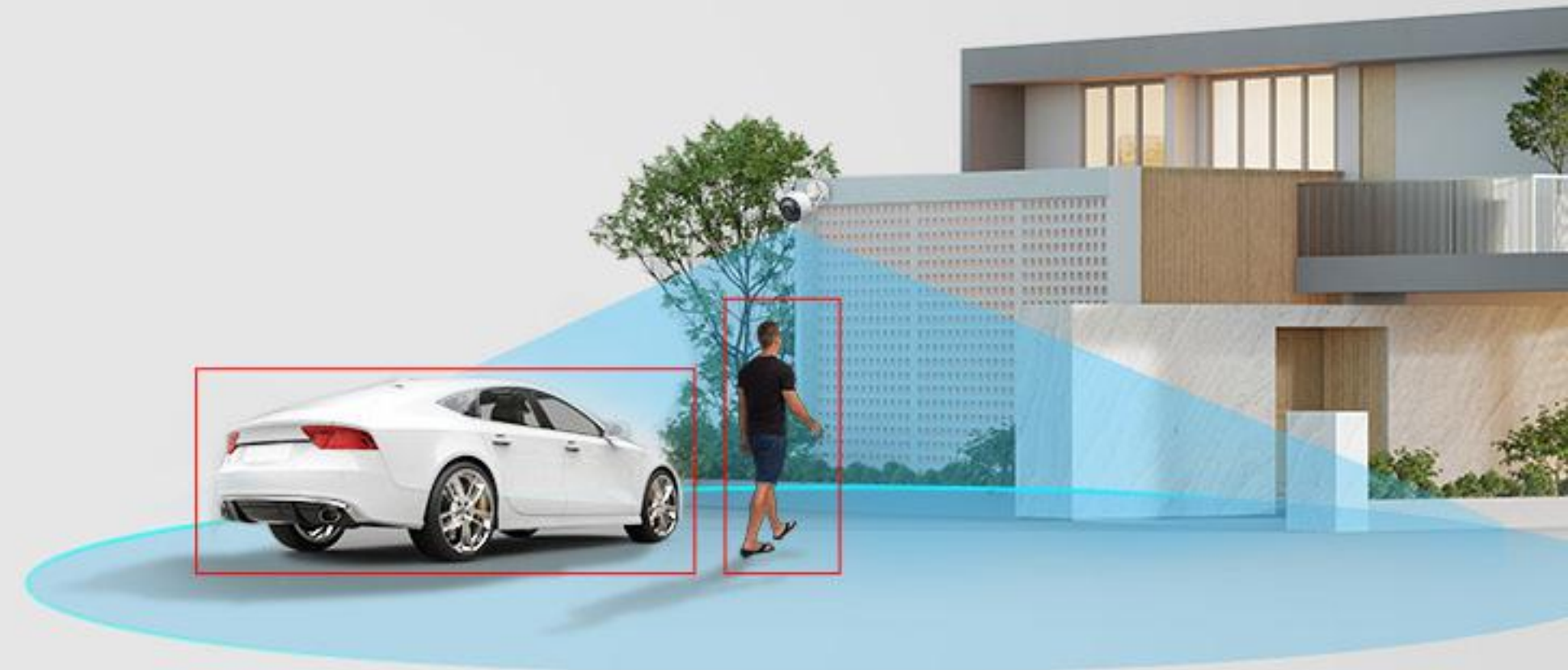
AI-Powered Human /
Vehicle Shape Detection



No Subscription Fee

Receive smarter notifications

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.



Get in touch by simply waving your hand

People can wave at the camera to initiate a video call to your phone². Whenever your kids come home from school, they can let you know.

Rest assured, knowing your night is well protected

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

Up to **30M** Color Night Vision

A vigilant guard that works 24/7

The camera features the active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will set off a loud siren and flash two spotlights³ for on-site deterrence.



Greeting can be this easy

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



Metal-bodied for tough conditions

The H3 3K features an IP67-rated enclosure made of strong Aluminum alloy. The camera is ready and sturdy for any weather, whether it is rainy, stormy or snowy.



Large, safe storage options that you can trust

You can secure your recorded videos on a local microSD card of up to 512 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted, unlimited cloud storage.



Supports MicroSD Card¹



Supports EZVIZ CloudPlay Storage⁴

Enhanced viewing pleasure with smaller video files

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded 3K videos. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces their sizes by up to 50%⁵.

50% ↓
Video Storage Space

50% ↓
Required Bandwidth



We do our best to protect data and privacy

We design the H3 3K 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 is fully encrypted from end to end to stay private and secure.



AES 128-bit encryption



TLS encryption protocol



Multi-step authentication



1 A local storage card must be purchased separately. Please note that some old product packages may show the compatible storage card as "up to 256GB," but due to a later product upgrade, currently all versions of H3 cameras support using 512GB storage card.

2 The video call via EZVIZ App can only be triggered when the camera detects a waving-hand at the distance of 3 to 5 meters in front of it.

3 The spotlights will not flash when the color night vision mode is enabled.

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

5 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.

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

Specifications

CS-H3-R100-1J5WKFL

General

Dimensions	75.5 × 75.5 × 155 mm (2.97 × 2.97 × 6.10 inch)
Package Dimensions	227 × 100 × 92 mm (8.94 × 3.94 × 3.62 inch)
Weight	Net weight: 433 g (15.27 oz) With package: 652 g (23.00 oz)
IP Grade	IP67
Operating Conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)

Video & Audio

Max. Resolution	2880 × 1620 pixels
Frame Rate	Max: 30fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Quad HD+; Full HD; HD; Standard. Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	4 Mbps

Camera

Image Sensor	1/2.7"Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm @ F2.0, viewing angle: 114°(Diagonal), 96° (Horizontal), 51° (Vertical) 4 mm @ F2.0, viewing angle: 95°(Diagonal), 80° (Horizontal), 42° (Vertical)
Minimum Illumination	0.01 lux @ (F2.0, 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
Night Vision Distance	Up to 98 ft / 30 m

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	64 / 128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK
Transmission Rate	11b: 11 Mbps, 11g: 54 Mbps, 11n: 150 Mbps
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

Detection	AI-Powered Human / Vehicle Shape Detection, Waving-Hand Detection, Motion Detection
Customized Alert Area	Supports
Integration	Works with Alexa, Google Assistant, IFTTT
General Function	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)

Power

Wiring	Hard-Wired
Power Supply	DC 12V / 1A
Power Consumption	Max. 8W

In the box

- EZVIZ H3 3K Camera
- Drill Template
- Screw Kit
- Waterproof Kit
- Power Adapter
- Regulatory Information
- Quick Start Guide

Certifications:

CE / FCC / UKCA / UL / WEEE / RoHS / REACH

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<https://www.ezviz.com/>