EZVIZ™

H3   2K

Wi-Fi Smart Home Camera

Trusted outdoor protection with added smarts

Don't miss the H3 2K camera if you want everything essential for home protection alongside some additional, useful smart features. The H3 2K sends smarter notifications particularly on walking people or moving cars, and provides you with the option to customize your detection area. Rendering everything in 2K clarity with color night vision available, it is also the right one to pick if you need a clearer vision on large outdoor spaces – from backyard and home entrance, to family farms and parking lots.

2K Resolution

AI-Powered Human / Vehicle Shape Detection

Color Night Vision

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 Card[1] (Up to 512 GB)

Supports EZVIZ CloudPlay Storage[2]

It makes it hard to lose an 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 with an overly exposed background.

1080p

2K

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

FREE
No Subscription Fee

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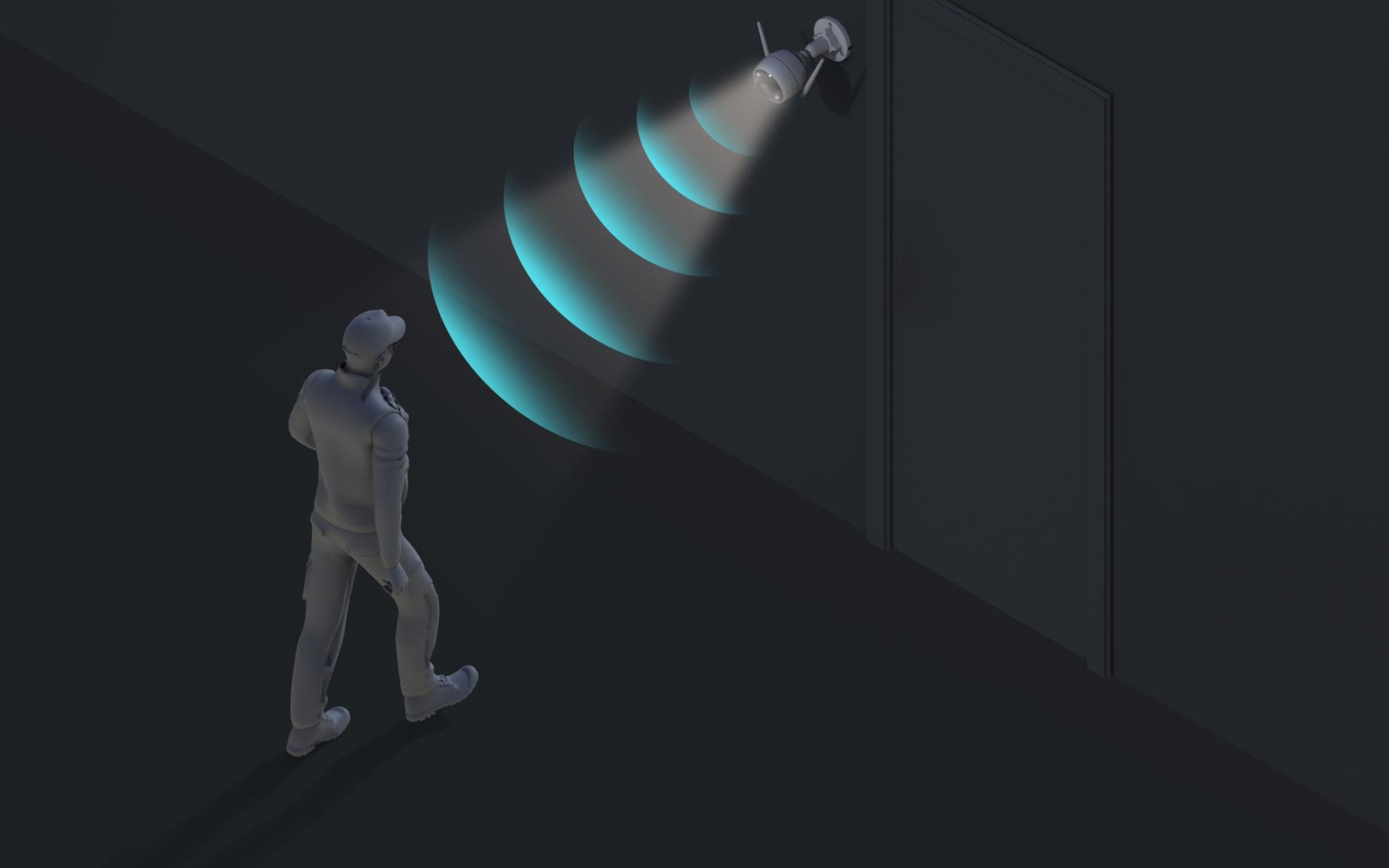
The camera makes sure that no one can easily sneak in under the cover of darkness. Choose between the color mode or the infrared mode as you'd like. Or, you can set the camera to the "smart night vision" mode so its vision can automatically switch from black-and-white to full color upon motion detection.

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 spotlights[3] 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 playwhen people are detected on camera.

How can I help you?

You have a delivery.
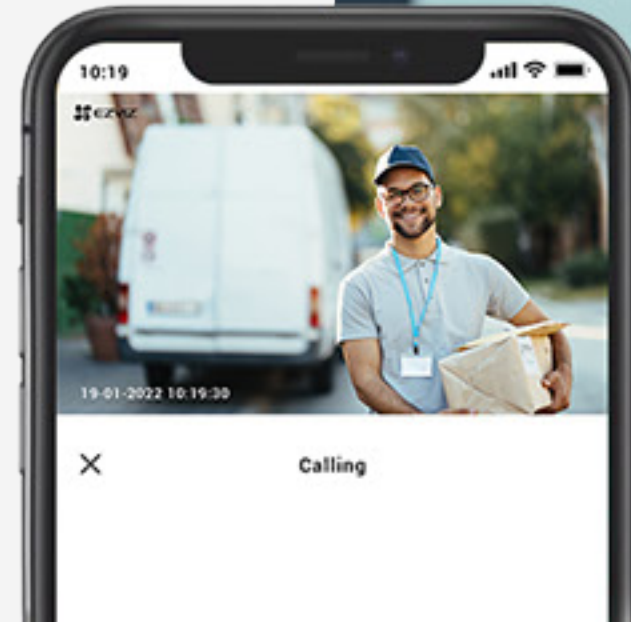
Metal-bodied for tough conditions

The H3 2K 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.
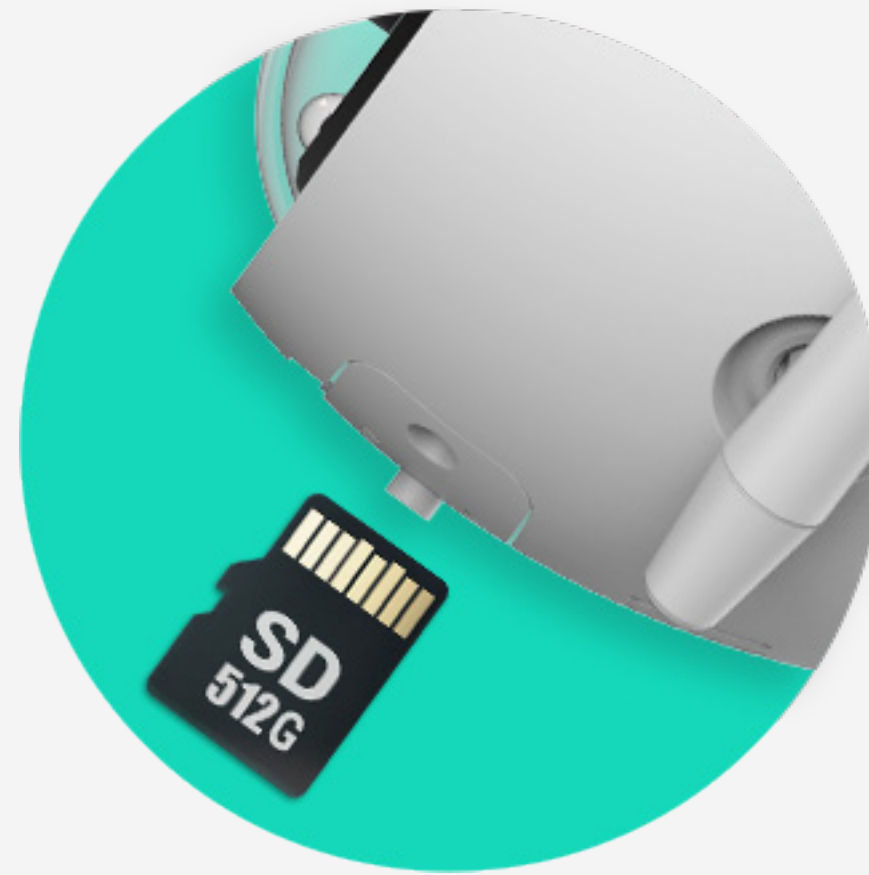
Supports MicroSD Card[1]

Supports EZVIZ CloudPlay Storage[2]

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 2K 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%[4].

50% ↓
Video Storage Space

50% ↓
Required Bandwidth

We do our best to protect data and privacy

We design the H3 2K to respect every private space, and to secure every byte of your data. You can set up no-filming privacy zones[5] 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.
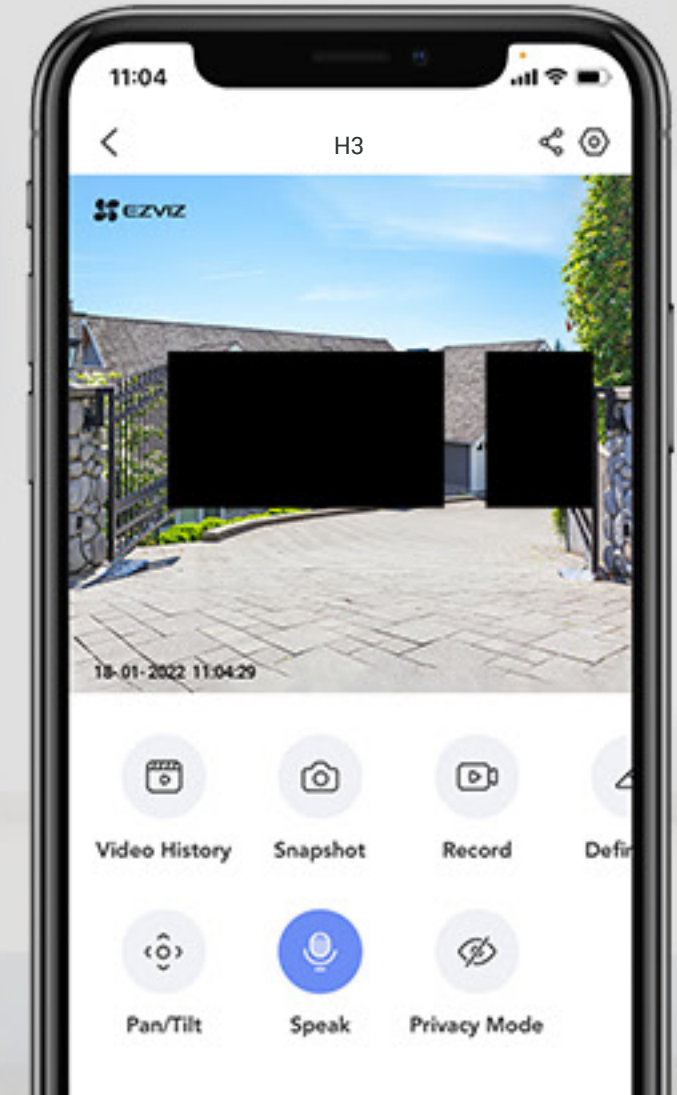
Privacy Zone

AES 128-bit encryption

TLS encryption protocol

Multi-step authentication

1 A local storage card must be purchased separately.

2 Cloud storage service is only available in certain markets. Please verify the 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-H3-R100-1H3WKFL

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: 438 g (15.45 oz) With package: 676 g (23.84 oz)
IP Grade	IP67
Operating Conditions	-30 ℃ ~ 60 ℃ (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)

Video & Audio

Max. Resolution	2304 × 1296 pixels
Frame Rate	Max: 30fps; 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	3 Mbps

Camera

Image Sensor	1/2.7"Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	2.8mm @ F2.0, viewing angle: 122° (Diagonal), 106° (Horizontal), 56° (Vertical) 4mm @ F2.0, viewing angle:102° (Diagonal), 86° (Horizontal), 44° (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
IR 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, 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. 7W

In the box

- EZVIZ H3 2K Camera

- Drill Template

- Screw Kit

- Waterproof Kit

- Power Adapter

- Regulatory Information

- Quick Start Guide

Certifications:

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

https://www.ezviz.com/