EZVIZ

H8 Pro 2K

Pan & Tilt Wi-Fi Camera

Full area coverage with added smarts

If you want a camera that sees all and covers all the bases, the H8 Pro 2K is a right choice to consider. Achieving both flexibility and functionality, the H8 Pro 2K features 360-degree viewing angle and 2K resolution to greatly reduce blind spots in home protection while capturing crucial details. It's AI-powered for smart detections and easy controls, and can be trusted to deliver 24/7 surveillance with its impressive night vision and an active defense function.

2K Resolution	360° Panoramic Coverage	AI-Powered Human / Vehicle Shape Detection	Auto-Tracking	One-Click Return to Pre-Set Directions	Active Defense with Siren and Strobe Light
Color Night Vision	Two-Way Talk	Weatherproof Design	H.265 Video Technology	Supports MicroSD Card[1] (Up to 512 GB)	Supports EZVIZ CloudPlay Storage[2]

360° vision in 2K, means no grey areas in protection

Bye-bye to a narrow field of view or blurry images. The H8 Pro 2K pans and tilts to take in information from all directions in 2K resolution, so you can see the big picture of your protected area without missing the small details.

See in 360°

340°
Horizontal

80°
Vertical

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.
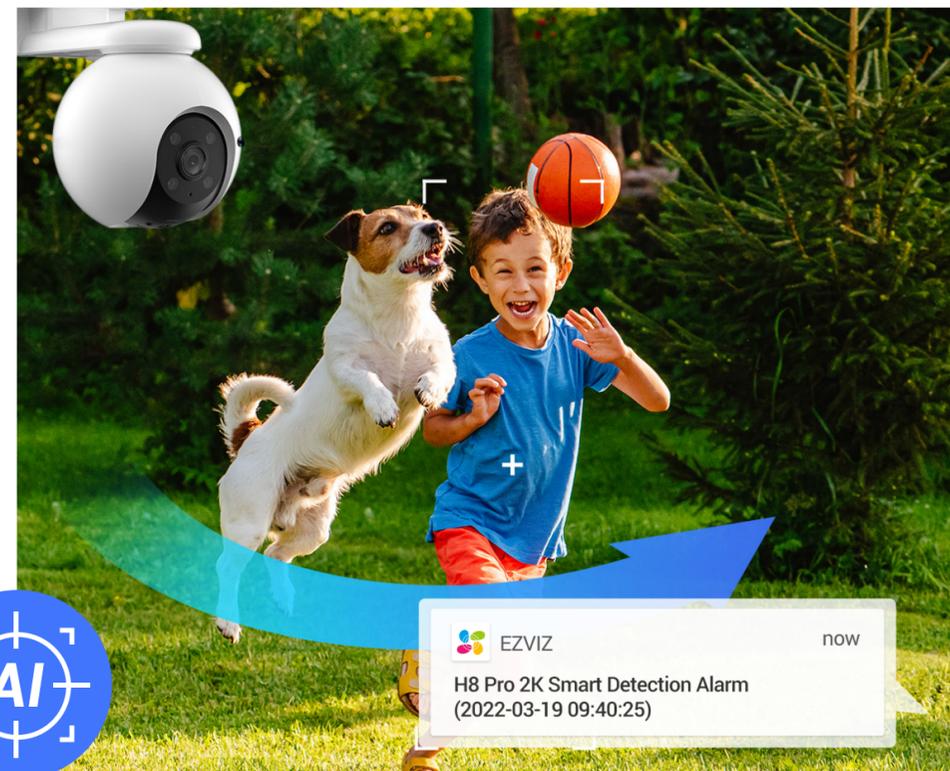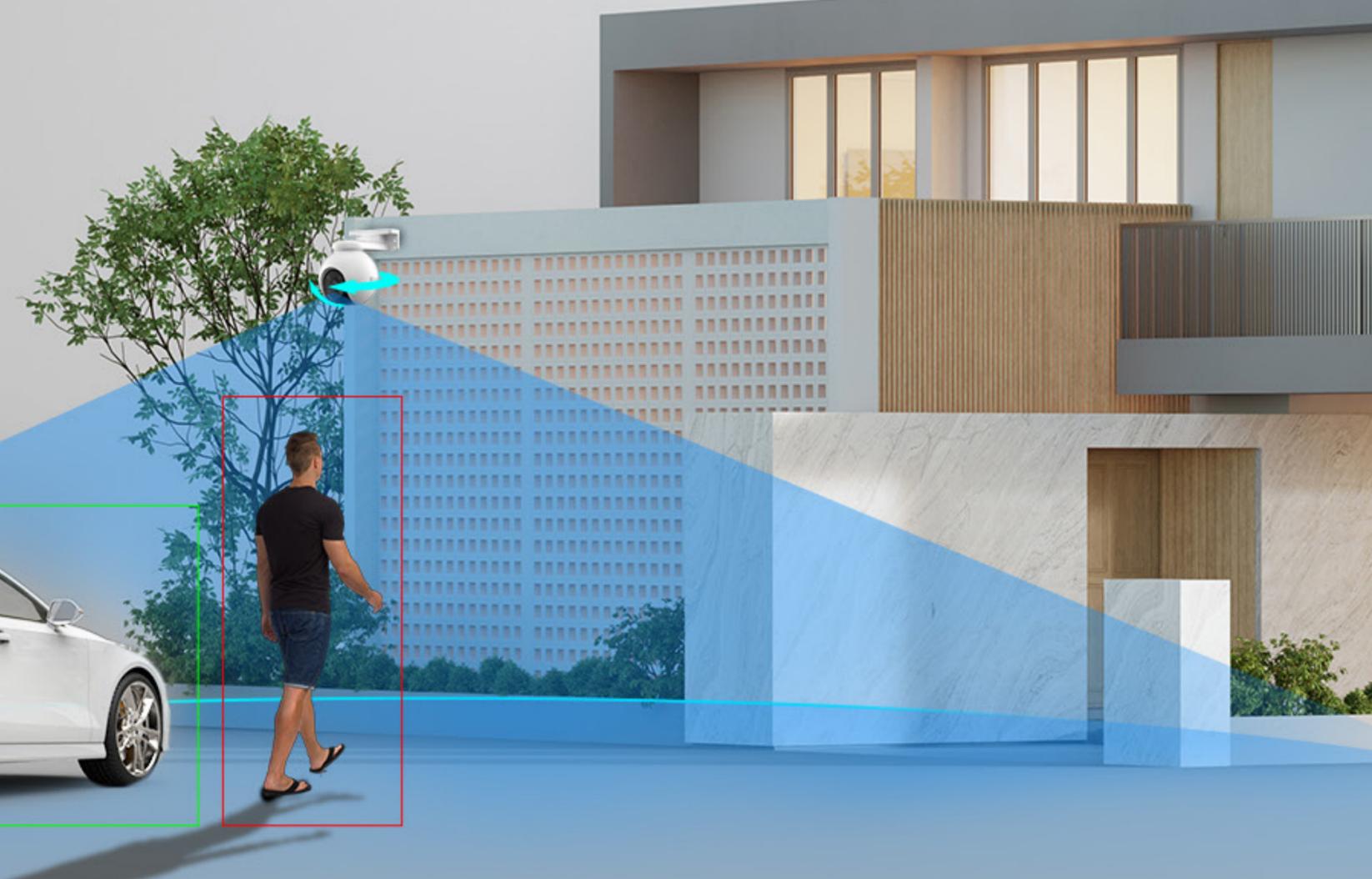
AI-Powered Human / Vehicle Shape Detection

Customizable Detection Zone

FREE   No Subscription Fee

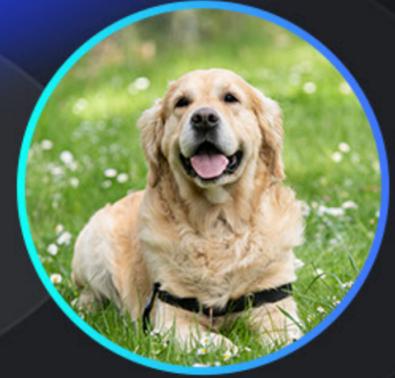# Detect and track all the crucial moments

The H8 Pro 2K distinguishes people from pets or insignificant moving objects. When human activity gets detected, the camera will lock on the target and automatically rotate to follow the movement. Nothing will easily escape your attention.
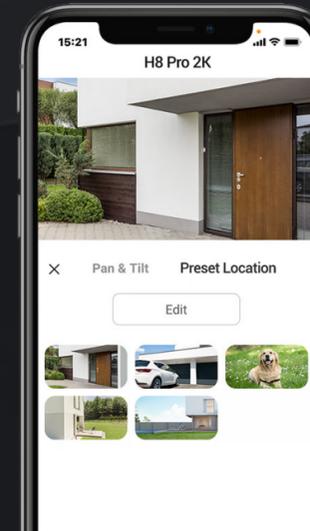
Human Motion Auto-Tracking

EZVIZ   now
H8 Pro 2K Smart Detection Alarm
(2022-03-19 09:40:25)

AI

Front Door

Front Yard

Pin down the spots that matter to you most

No matter how complicated the tracking is, the camera always knows it's way back to your preferred viewing angle. You can pinpoint up to 12 angles via the EZVIZ App. Just click on your pre-set dots and the camera will automatically resume its place.

Garage

15:21
H8 Pro 2K

✕ Pan & Tilt **Preset Location**

Edit

Actively guards your home

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.

21:43
Friday, February 25

EZVIZ
EZVIZ
H8 Pro 2K Smart Detection Alarm(2022-03-09 21:43:32)

Far-reaching color night vision

The camera makes sure that no one can easily sneak in under the cover of darkness. It renders color night vision with the help of built-in spotlights, and ensures impressive black-and-white vision when lights are off. What's better, 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.
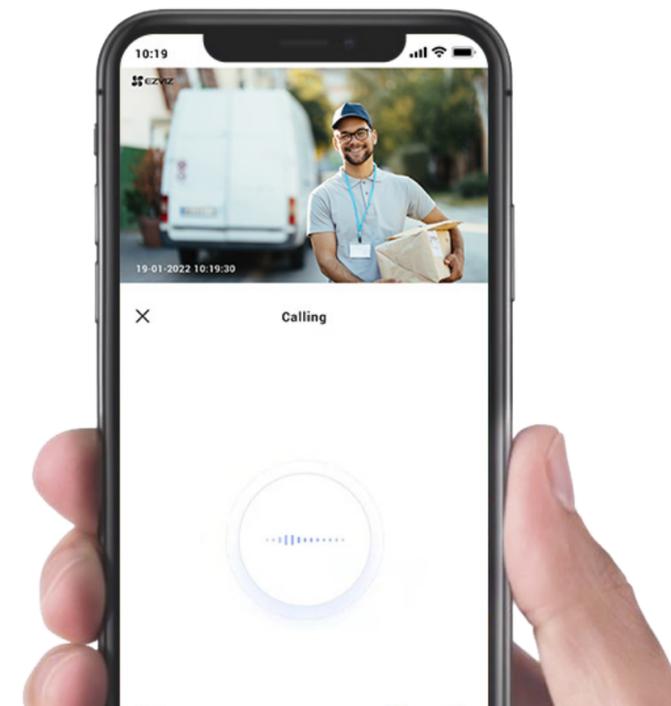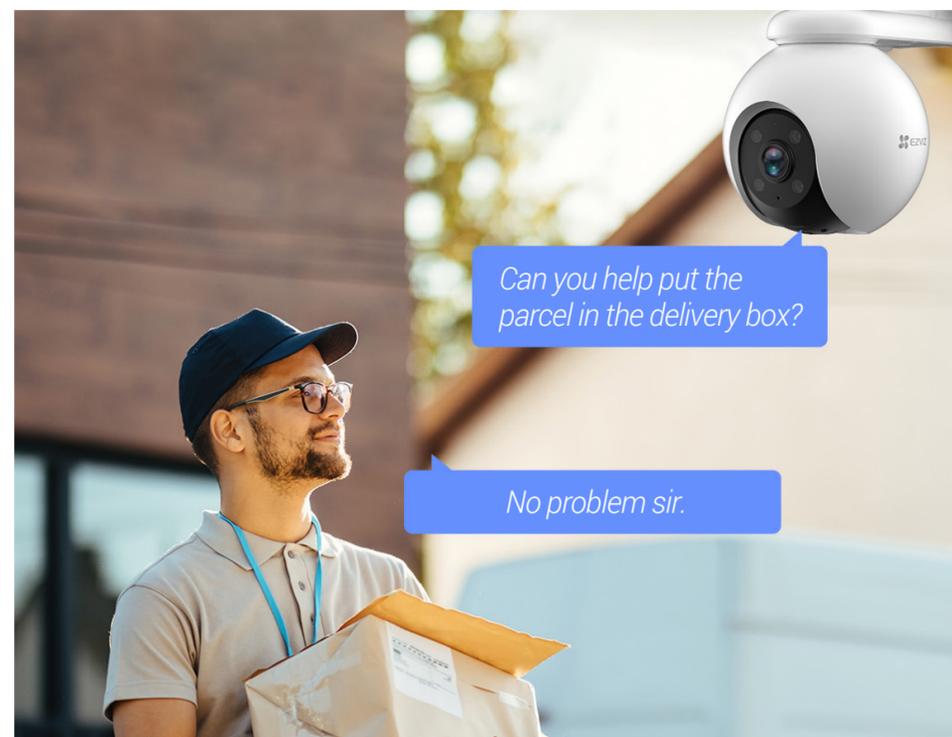
Black-and-White

Full-Color (With built-in spotlights on)

30 m (98 ft)

20 m (65 ft)

See, hear and talk, from anywhere

Leaving home for family trips but worried about missed deliveries or unexpected visitors? With the H8 Pro 2K, you can simply use your smartphone to see, hear and talk to anyone who shows up at your property area.

A neat design for all homes, against all weathers

Say goodbye to the bulkiness. The H8 Pro 2K has a compact design, and is weatherproof to deliver long-standing performance, even in harsh weather conditions.
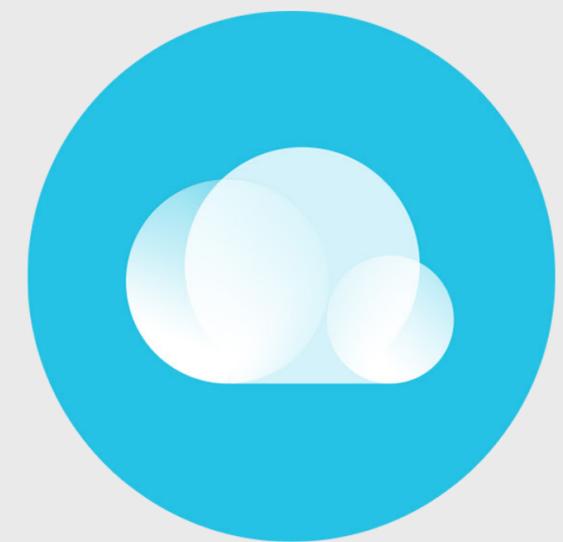
Reliable storage options with enlarged saving space

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

Supports MicroSD Card[1]

Supports EZVIZ CloudPlay Storage[2]

Enhanced viewing pleasure with smaller video files

50% ↓ Video Storage Space

50% ↓ Required Bandwidth

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded 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].

We do our best to protect your data and privacy

TLS Data Transmission Encryption

AES-128 Data Encryption

DNV ISO 27001 — INFORMATION SECURITY MANAGEMENT SYSTEM

DNV ISO 29151 — INFORMATION SECURITY MANAGEMENT SYSTEM

DNV CSA STAR — INFORMATION SECURITY MANAGEMENT SYSTEM

DNV ISO 27018 — INFORMATION SECURITY MANAGEMENT SYSTEM

DNV ISO/IEC 27017 — INFORMATION SECURITY MANAGEMENT SYSTEM

DNV ISO/IEC 27701 — PRIVACY INFORMATION MANAGEMENT SYSTEM

EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.

One app for everyday, everything

EZVIZ App will always connect you to your home,
even if you are far away from it.

🔔 Instant Alert

⬚ Detection Zone

⚙ Remote Control

📅 Video History

LIVE Live View with 8× Zoom

🏠 Connected Home

EZVIZ App interface images are for illustrative purposes only.

Available on Phone / Pad / TV 🌸

1 A local storage card must be purchased separately.

2 The cloud storage service is only available in certain markets. Please verify the availability before making a 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. Will vary with the frequency and complexity of the activity captured, and other environmental factors.

Specifications CS-H8-R100-1J3WKFL

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-Adaptive shutter
Lens	4mm @ F1.6, Viewing angle: 46° (Vertical), 89° (Horizontal), 104° (Diagonal) 6mm @ F1.6, Viewing angle:28° (Vertical), 54° (Horizontal), 62° (Diagonal)
PT Angle	Pan: 340°, Tilt: 80°
Minimum Illumination	0.5 Lux @ (F1.6, AGC ON), 0 Lux with IR (Data is obtained from EZVIZ laboratories)
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR
Night Vision Distance	Up to 30m / 98ft

Video & Audio

Max. Resolution	2304 x 1296
Frame Rate	Max: 30fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main Profile
Video Bit Rate	Quad HD; Full HD; Hi-Def; Standard. Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	2 Mbps

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 20 MHz
Security	WPA-PSK / WPA2-PSK
Transmission Rate	11b 11 Mbps, 11g 54 Mbps, 11n 72 Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Propriet ary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1(10M / 100M Adaptive Ethernet Port)

Storage

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

Function

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

Specifications CS-H8-R100-1J3WKFL

General

Operating Conditions	-30 °C to 50°C (-22 °F to 122 °F), humidity 95% or less (non-condensing)
IP Grade	Weatherproof Design
Power Supply	DC 12V / 1A
Power Consumption	MAX. 6W
Dimensions	116 × 153.2 × 163.8 mm (4.57 × 6.03 × 6.45 inch)
Packaging Dimensions	187 × 174 × 186.5 mm (7.36 × 6.85 × 7.34 inch)
Weight	Net Weight: 592 g (20.88 oz) With Package: 943 g (33.26 oz) For EU Standard Version

In the box

- H8 Pro 2K Camera

- Power Adapter

- Screw Kit

- Waterproof Kit

- Drilling Template

- Regulatory Information

- Quick Start Guide

Certifications:

UL / FCC / CE / WEEE / RoHS / UKCA

http://ezviz.com/