H8 Pro 3K

Pan & Tilt Wi-Fi Camera

A wider, sharper eye for full area coverage

It’s time to upgrade your outdoor security system with the brand-new EZVIZ H8 Pro 3K camera. Boosted by on-board AI algorithm, this next-level camera is one of the smartest in its category to detect different activities, along with useful features to make communications easier. Motorized to see in all directions with stunning video quality, it makes it hard for anyone or anything to escape your attention.

- 3K Resolution
- 360° Panoramic Coverage
- AI-Powered Human / Vehicle Shape Detection
- Auto-Tracking
- One-Click Return to Pre-Set Directions
- Camera Call Initiation by Waving a Hand
- Active Defense with Siren and Strobe Light
- Color Night Vision
- Two-Way Talk
- H.265 Video Technology
- Weatherproof Design
- Supports MicroSD Cards (Up to 512 GB) & EZVIZ CloudPlay Storage[1]

360° for wider pictures, 3K for clearer details

For effective home protection, it's important to obtain a sharp, wide vision on every crucial detail. The camera's flexible pan-and-tilt design and surprisingly clear 3K resolution can help greatly reduce blind spots and avoid blurry information.

Helpful AI features for enhanced smart security

AI-Powered Human / Vehicle Shape Detection

Waving-Hand Recognition & Control

Customizable Detection Zone

FREE No Subscription Fee

Stay informed with smarter notifications

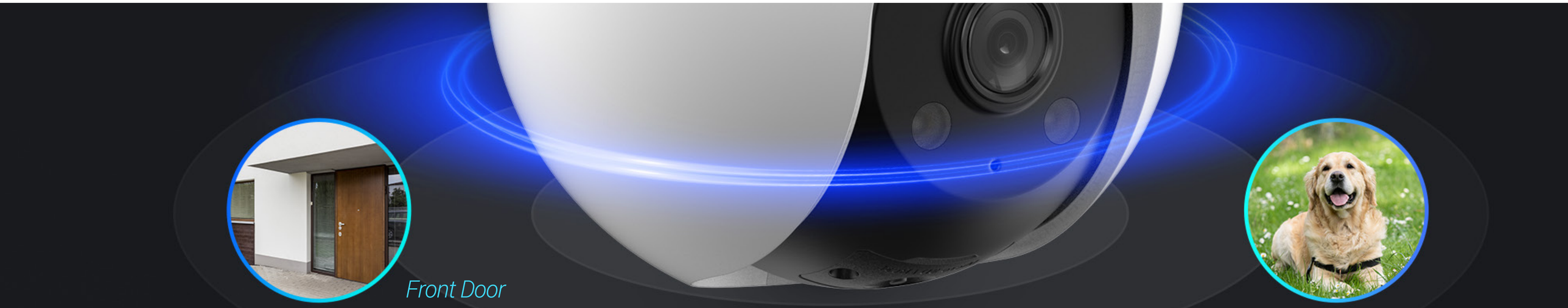
The camera's on-board AI algorithm helps it identify moving people and vehicles in particular. It reduces alerts caused by falling leaves or flying insects, and informs you when someone parks in your property area without permission.

Ring up a call by simply waving your hand

Your family members or visitors can initiate a video call to your phone[2] by waving at the camera. Whenever your kids come home from school, they can let you know.

A smart eye that locks on, zooms in and follows

When a human motion is detected, the H8 Pro 3K will automatically rotate to track the movement and zoom in up to 4 times to record the activity. It makes sure you are aware of the whole process happening in your watched area.



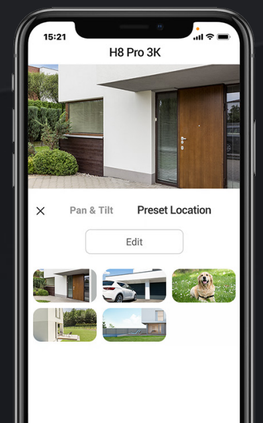
Front Door

Front Yard

Patrol the places you care about the most

Usually, there are particular areas around your home that need your extra attention. With the H8 Pro 3K, you can pinpoint up to 12 viewing spots via the EZVIZ App. Even if the camera has changed its monitoring angle after auto-tracking an activity, you can simply tap on the pre-set dots to help it resume its place fast.

Garage

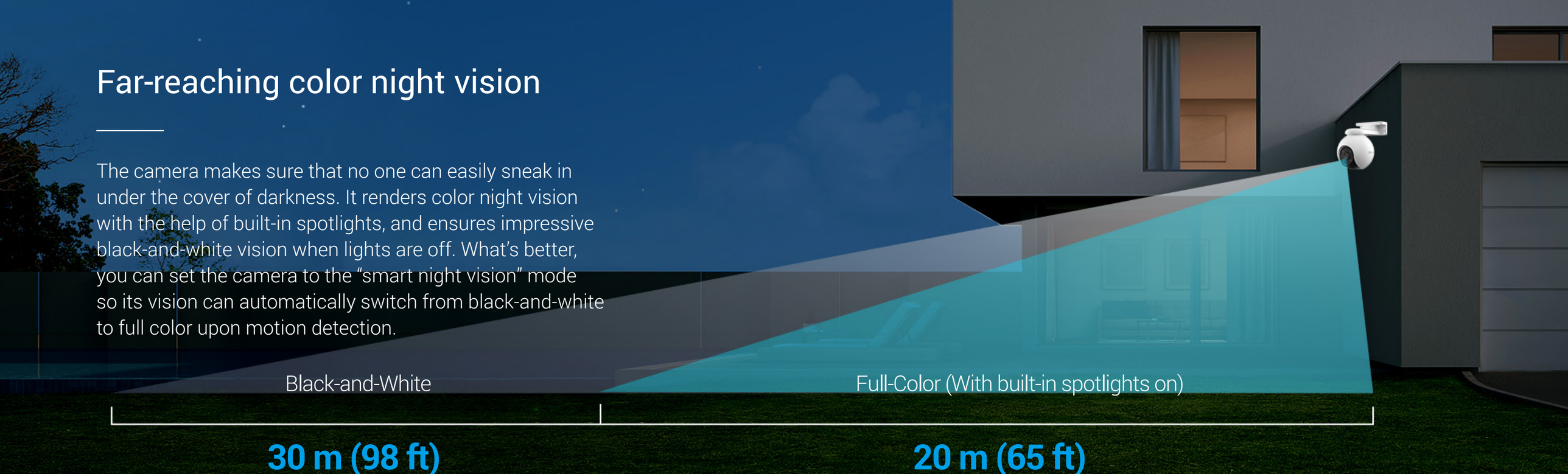


Actively guards your home

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] to warn them to leave.

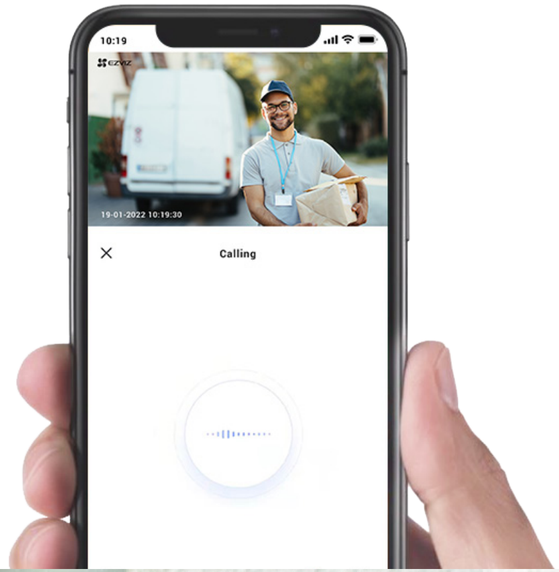
Far-reaching color night vision

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.



See, hear and talk, from anywhere

Leaving home for family trips but worried about missed deliveries or unexpected visitors? With the H8 Pro 3K, 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 3K has a compact design, and is weatherproof to deliver long-standing performance, even in harsh weather conditions.

Extra-Large, safe storage options that you can trust

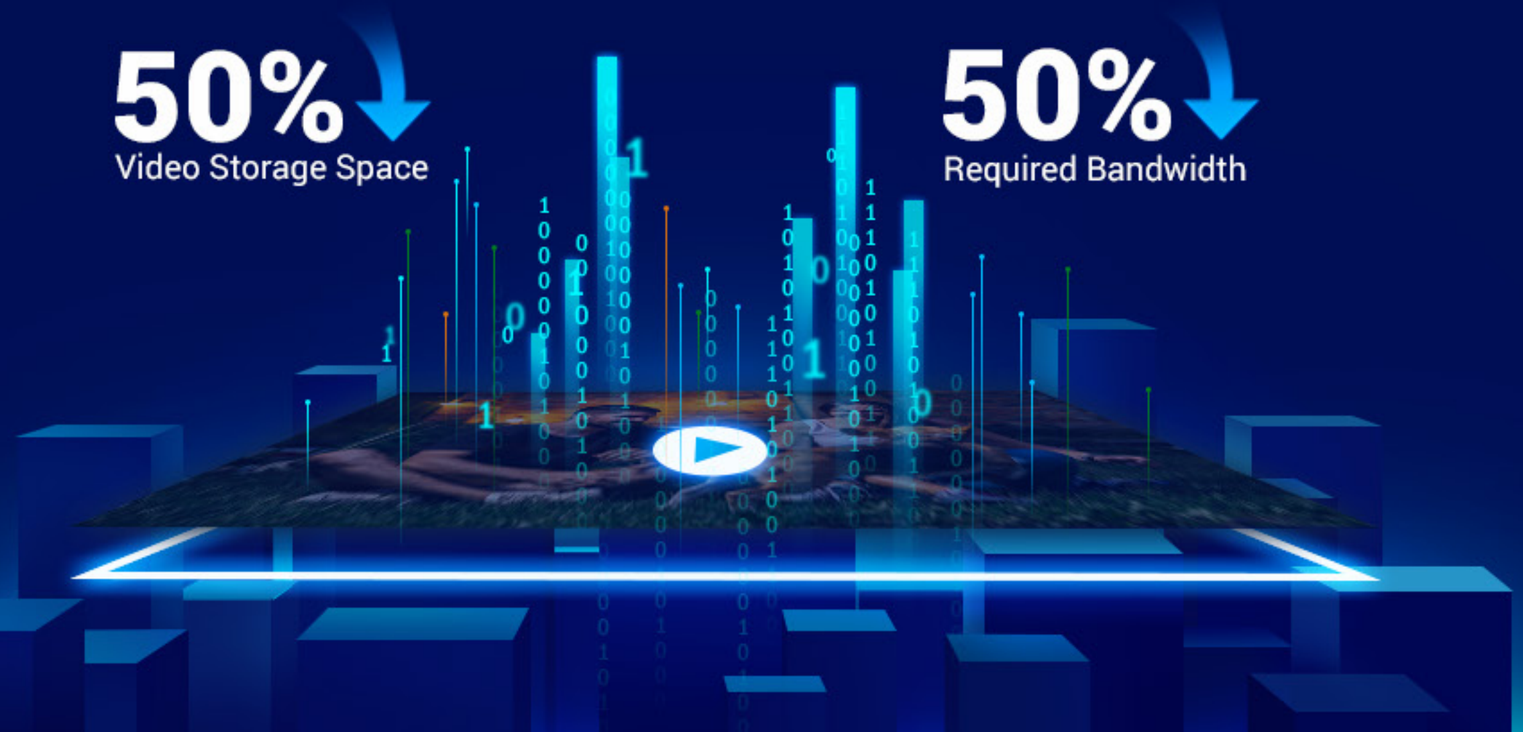
You can secure your recorded videos on a local microSD card of up to 512 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage[1].

Supports MicroSD Card

Supports EZVIZ CloudPlay Storage

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 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

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 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. The cloud storage service is only available in certain markets. Please verify the availability before making a purchase.

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 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-R100-1J5WKFL

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	4mm@ F1.6, Viewing angle: 46° (Vertica), 89° (Horizontal), 104° (Diagonal) 6mm@ F1.6, Viewing angle:28° (Vertica), 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	2880 × 1620
Frame Rate	Max:30fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main Profile
Video Bit Rate	Ultra-HD; Hi-Def; Standard. Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	4 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 11Mbps, 11g 54Mbps, 11n 72Mbps
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)

Storage

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

Function

Smart Alarm	AI Powered Human / Vehicle Detection / Waving-Hand Recognition &Control
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-R100-1J5WKFL

General

Operating Conditions	-20 °C to 50°C (-4 °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 3K Camera
- Power Adapter
- Screw Kit
- Waterproof Kit
- Drilling Template
- Regulatory Information
- Quick Start Guide

Certifications:

UL / FCC / CE / WEEE / RoHS / UKCA

Specifications are subject to change without notice. " ™ ", " EZVIZ™ " and other trademarks and logos are the properties of EZVIZ in various jurisdictions.

http://ezviz.com/