EZVIZ™

HB60 Dual 4G Smart Battery Camera

Always in Sight, Wherever It Stands

The HB60 Dual 4G makes outdoor security effortless-light enough to take anywhere, sharp enough to capture every moment, and always ready to record whenever you need it.



Built for places where ordinary cameras fail.

Dual 3K Lenses with 8× Mixed Zoom



360° Non-Stop Pan



Through-Glass Radar Detection



Auto-Switching 4G & Wi-Fi Connectivity



Wire-Free Power



Easy Installation



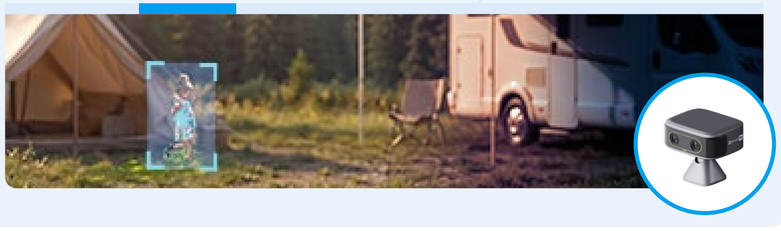
Tabletop

Magnetic

Quick-Release Design



Always-On Video Mode[1]



GPS Location Tracking



Weatherproof Design



AI MODIFIED

Dual 3K Lenses with 8× Mixed Zoom

Captures Wide Scenes and Zooms in without Losing Clarity

The HB60 Dual 4G captures every angle with our 2.8 mm wide and 8 mm telephoto lenses. Whether it's a dog in the yard or a car near the driveway, you can check the details clearly with dual 3K lenses up to 8x mixed zoom.



1×



2.8 mm Wide-angle View

8×



8 mm Telephoto View

AI MODIFIED

Auto-Switching 4G / Wi-Fi Network

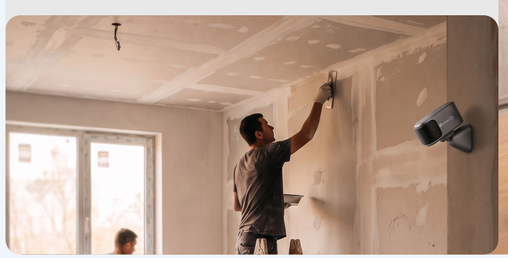
Keeps Watching Even When Wi-Fi Gets Weak

Switch between Wi-Fi and 4G LTE for flexible, always-on security. Save data on stable Wi-Fi, stay connected via 4G when Wi-Fi is weak or unavailable—anywhere you go.

Basement



Renovation

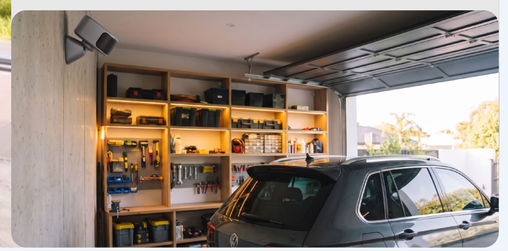




Storeroom



Garage



Caravan



Camping



Temporary Accommodation



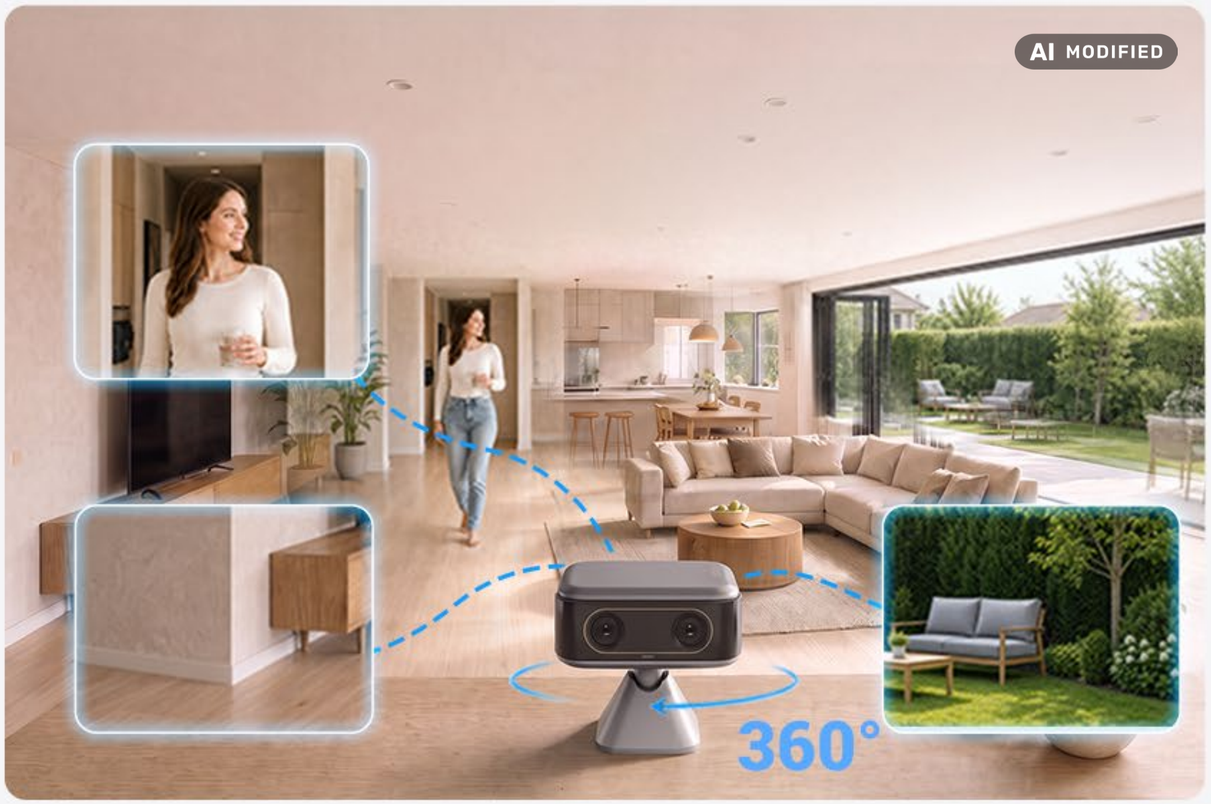
Exhibition



360° Non-Stop Pan

Rotates Nonstop to Check Every Corner from One Spot

With 360° non-stop pan, the camera can smoothly turn around without hitting a stop point, giving you a wider way to safeguard indoor spaces. Place it in a room or inside an RV, and easily check different directions—from the door and sofa area to the windows or driver's seat—without moving the camera.





Through-Glass Radar Detection

Sees Inside and Outside, No Matter Where You Place It

The HB60 Dual 4G works wherever it is placed, indoors or outdoors, and uniquely detects activity across both inside and outside spaces, giving you full awareness beyond boundaries.



Wire-Free Power

Goes Wire-Free with a 3300 mAh Rechargeable Battery

With a 3300 mAh rechargeable battery and a 3W solar panel, the HB60 Dual 4G operates fully off-grid.
It intelligently harvests solar energy during the day and stores power for night use,
ensuring continuous, always-on protection without any energy consumption cost.





Quick-Release Design

Makes It Easy to Remove, Move, and Use Again

Designed for portable use, the quick-release base helps you detach the camera in seconds and place it wherever you need it next. It's ideal for temporary setups, or users who want a camera that moves as flexibly as they do.





Weatherproof Design

Stays Reliable Outside, Even When the Weather Changes

Whether it’s placed in a garden, on a patio, or near an outdoor entrance, the camera is made to handle rain, dust, and splashes. Its IP65-rated design gives you more confidence to use it outdoors for everyday monitoring.



AI MODIFIED

GPS Location Tracking

Finds Your Camera Easily When It Moves with You

Not just GPS tracking—Ring Mode enables you to locate your camera instantly by sound, just like Find My.
Whether it's at a Recreation Vehicle (RV), campsite, or vacation home, your camera is always traceable and easy to find.



Easy Installation

Sets Up Flexibly Wherever You Need a Better View

From a tabletop and RV wall to a home entrance, pole, corner, or tripod, the camera gives you more ways to place it without complicated installation. Whether you're using it at home, on the road, or in a temporary outdoor setup, you can choose the mounting method that fits your space and start monitoring with less effort.

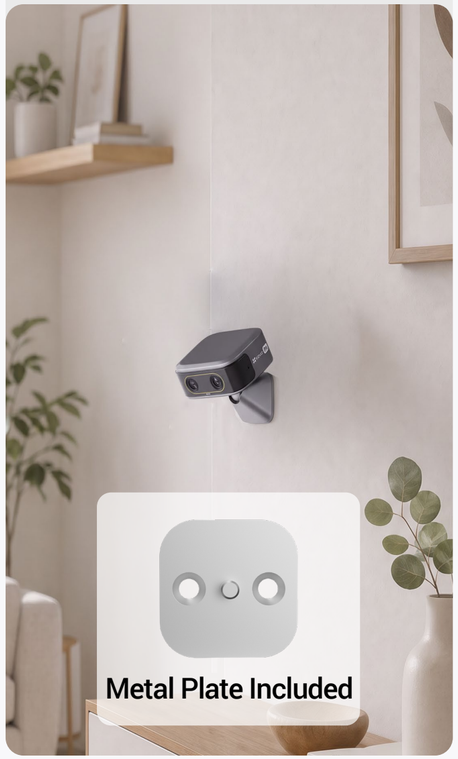
On a Tabletop



On a Magnetic Surface



On an Interior Wall



On an Exterior Wall



Built-in 1/4" Thread Mount for Wide Compatibility



Always-On Video Mode

Upgrades Your Battery-Powered All-Day Recording

Unlike typical battery cameras that struggle to compromise either recording performance or battery life, this camera features EZVIZ's groundbreaking AOV technology.

How Does EZVIZ AOV Work?

15 images/second
Normal Speed

Smart Auto
Time-Lapse Video

15 images/second
Normal Speed

WITH AOV



Human Detected

Human Detected

WITHOUT AOV



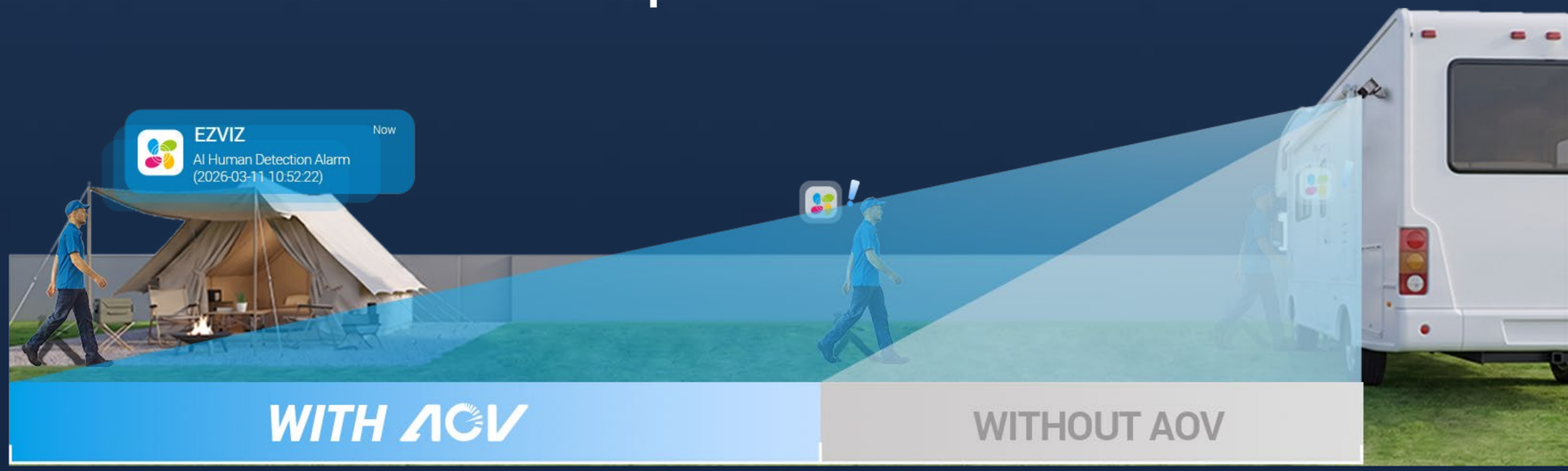
No Event = No Recording



How Does EZVIZ AOV Help?

Wider Longer Detection Range

To see and respond to any activity earlier

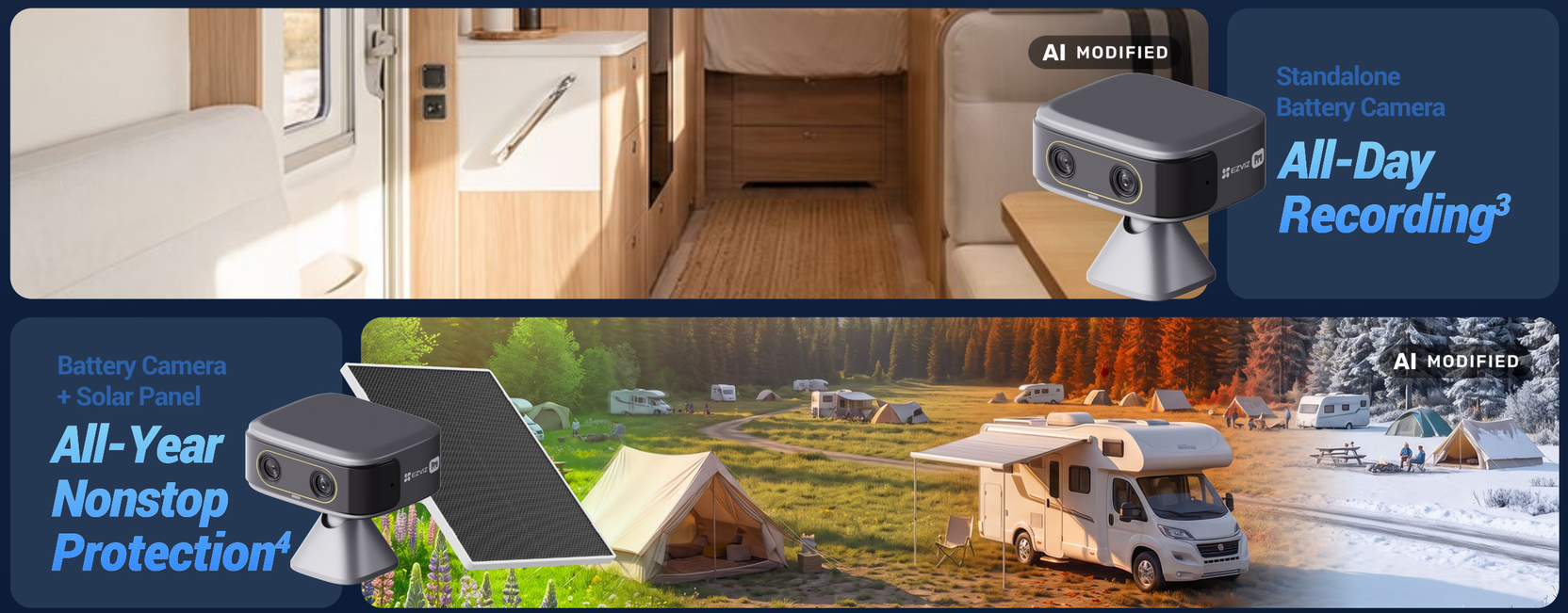


Up to 25 meters[2]

Only 9 meters

Wiser Power Consumption

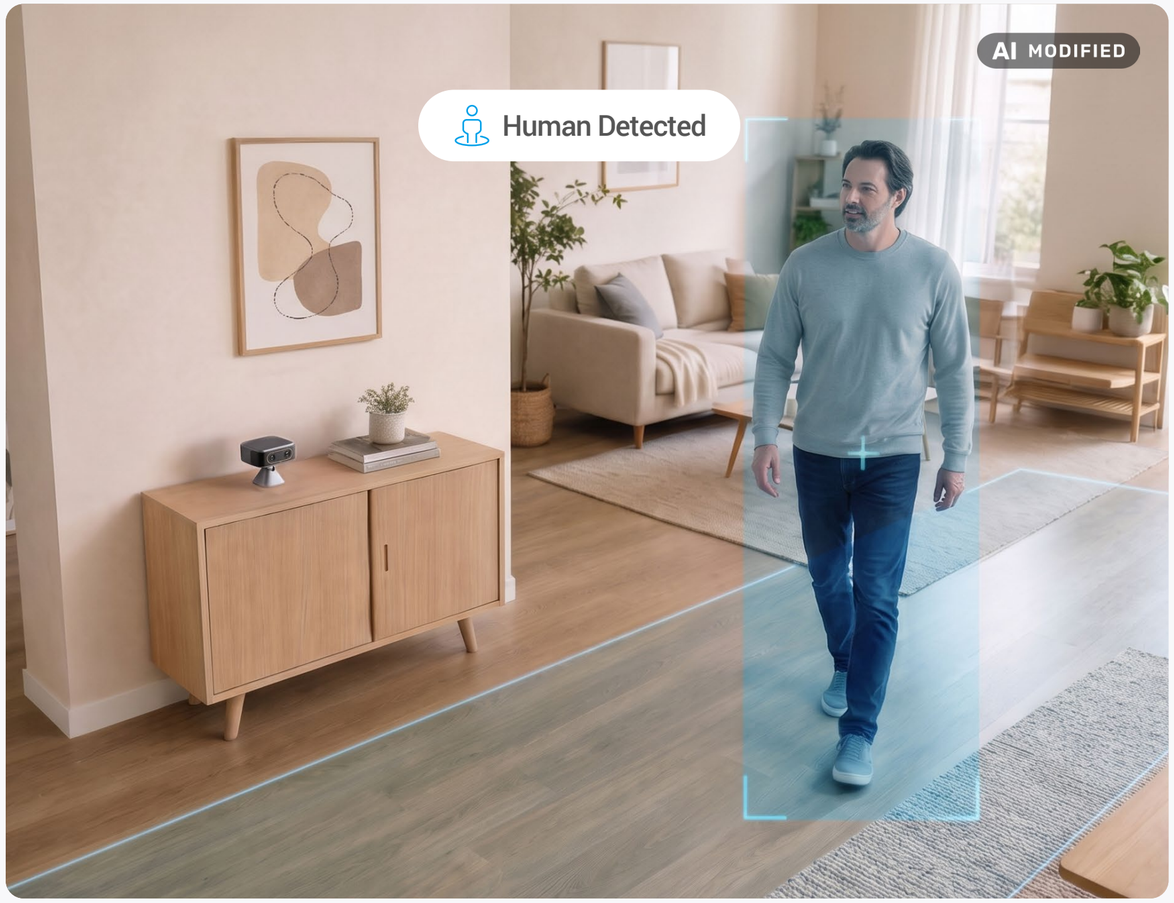
To adjust recording intervals automatically based on battery power conditions



AI-Powered Human Shape & Vehicle Detection

Stays Informed with Smart Alerts for Free

The camera cuts through hours of footages by telling the difference between people, vehicles, and everyday motion.
Instead of babysitting the live view, your camera will flag the crucial times and notify you on the EZVIZ App.





IR Night Vision

Never Miss What Matters in the Dark

HB60 Dual 4G automatically switches to infrared night vision, so you can clearly check your home in black-and-white clarity anytime, day or night.



Brings More Convenience for Extra Peace of Mind



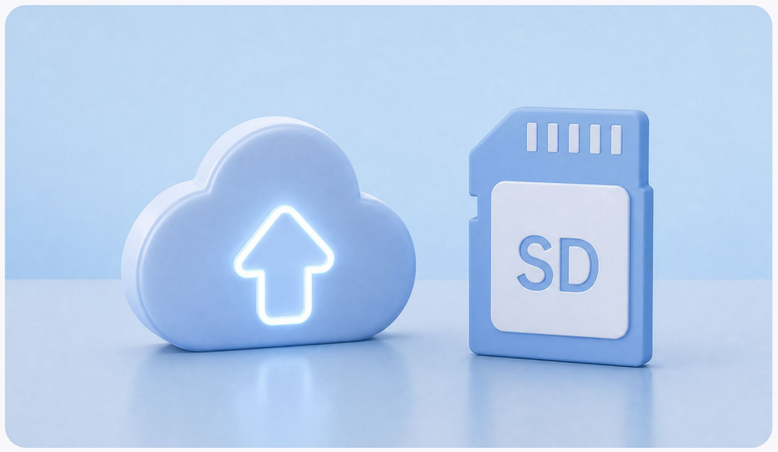
Active Defense

Triggers warning sound



Two-Way Talk

Responds to Visitors with Your Phone



Local & Cloud Storage

Saves your videos with two options



H.265 Video Compression

Smoother Streaming Using Less Storage & Bandwidth[5]

1 Use of this feature requires that a compatible local storage card (sold separately) be inserted into the camera.

2 When AOV mode is enabled, EZVIZ Lab testing conducted under standard conditions indicates that the camera can detect motion at distances of up to 25 m in daylight and up to 12 m at night. Under the same test conditions, other battery-powered models using PIR-based detection typically provide a detection distance of up to 9 m. Actual detection performance may vary due to environmental conditions and installation factors.

3 Based on EZVIZ Lab testing conducted under standard conditions, the HB60 Dual 4G provides a battery life of 12 days when AOV mode is enabled with the automatic interval setting. Actual battery performance may vary due to environmental conditions and usage patterns, including event frequency, recording duration, and live viewing.

4 Data from EZVIZ Lab's test results, under the following standard condition: AM=1.5 , 25°C, 1000W/m² and SMQ. The results are obtained based with the camera operating in AOV mode and the AOV interval set to AUTO. Actual charging efficiency may vary depending on sunlight intensity and other environmental conditions. Actual camera operating hours may also differ based on usage patterns, activity frequency, and environmental factors.

5 Based on EZVIZ Lab testing conducted under standard conditions. Video compression efficiency may vary depending on scene complexity, motion frequency, lighting conditions, and other environmental factors.

Specifications CS-HB60-R200-1Q55WG-S

Camera

Image Sensor	1/2.8” Progressive Scan CMOS
Minimum Illumination	0.5 Lux @(F2.2, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm @F2.2 116/97/52 8 mm @F2.2 41/36/20
Day & Night	IR-cut filter with auto switch
PIR Detection	Support, PIR sensitivity adjustable
Radar Detection	Support, Radar sensitivity adjustable
GPS	Support
Night Vision	IR Distance: 8m

Video & Audio

Max Resolution	2880 × 1620
Frame Rate	15fps. Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Quad-HD+; Full HD; Hi-Def;Standard Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	2.5 Mbps (Total)

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA3-Personal
Transmission Rate	11b: 11 Mbps, 11g: 54 Mbps, 11n: 72 Mbps, 11ax: 114 Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Minimum Network Requirement	3 Mbps
4G network	LTE-cat1
Frequency Bands	EU LTE-FDD：B1/B3/B5/B7/B8/B20/B28 EU LTE-TDD：B38/B40/B41 LA LTE-FDD：B2/B3/B4/B5/B7/B8/B28/B66 LA LTE-TDD：B38/B40/B41

Function

Smart Alarm	AI Human Detection,Vehicle Detection
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Local Storage (Up to 512 GB)
Cloud Storage	EZVIZ cloud storage

General

Operating Conditions	-20°C to 50°C (-4°F to 122 °F), Humidity 95% or less (non-condensing)
IP Grade	IP65
Power Supply	DC 5V / 2A (Compatible power adapter needs to be purchased separately)
Battery Capacity	3300 mAh
Power Consumption	Max.10W
Product Dimensions	78.92 mm × 65.2 mm × 68.74 mm
Packaging Dimensions	91.5 mm × 87.5 mm × 149 mm
Weight	Net weight：174g

In the box

- Camera

- Pin

- Power Cable

- Pressure-Assist Patch × 2

- Screw Kit

- Foam Sticker × 2

- Metal Plate

- Regulatory Information × 2

- Quick Start Guide

Certifications

CE / REACH / WEEE / RoHS

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