



HB8 Lite



Wi-Fi Battery Camera



Always-On 4K. Always-Ready Protection.

Ultra-Clear
4K Resolution 

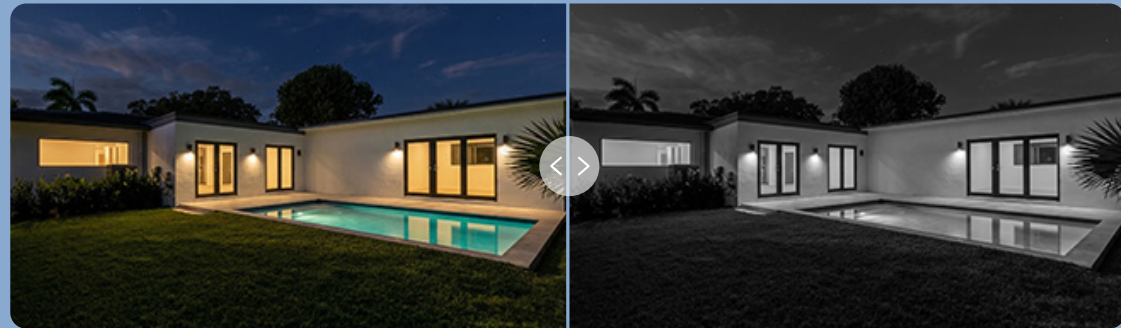


360° Panoramic Coverage



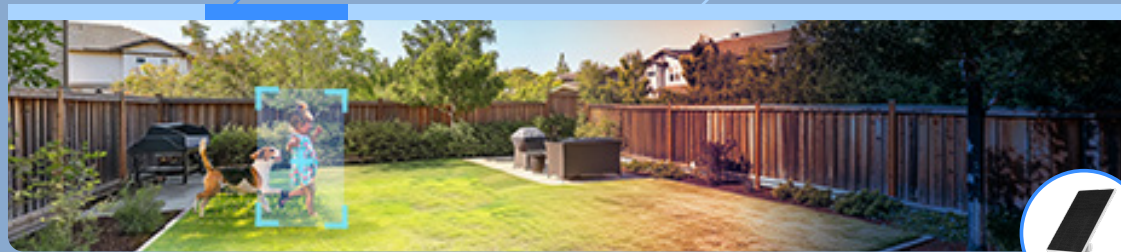
360° View


Smart Color Night Vision




Always-on Video Mode¹
for All-Day Recording

15 images/second *Time-Lapse Video*



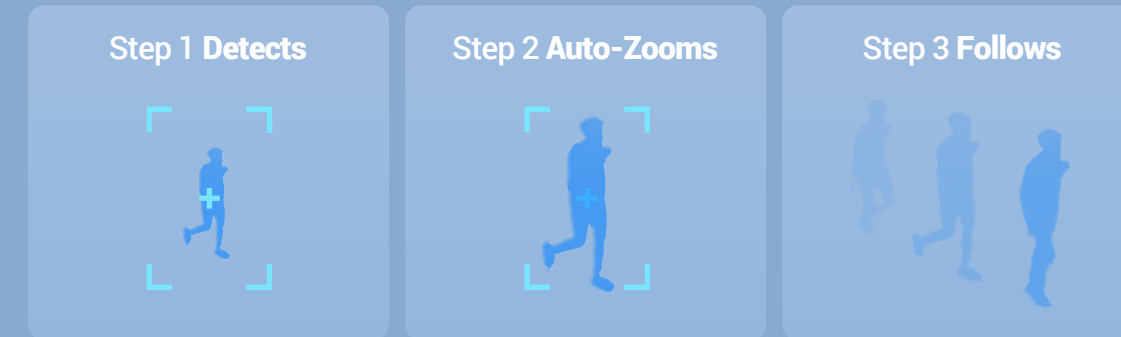
Works with EZVIZ Solar Panels² for Longer Standby Time 

AI-Powered
Human / Vehicle
Shape Detection



Auto-Zoom Tracking

Step 1 Detects Step 2 Auto-Zooms Step 3 Follows



Wi-Fi 6
for Stable Video Streaming




2.4 GHz

Weatherproof Design



Active Defense with
Siren & Light Strobe



Local & Cloud Storage³

Up to 512GB

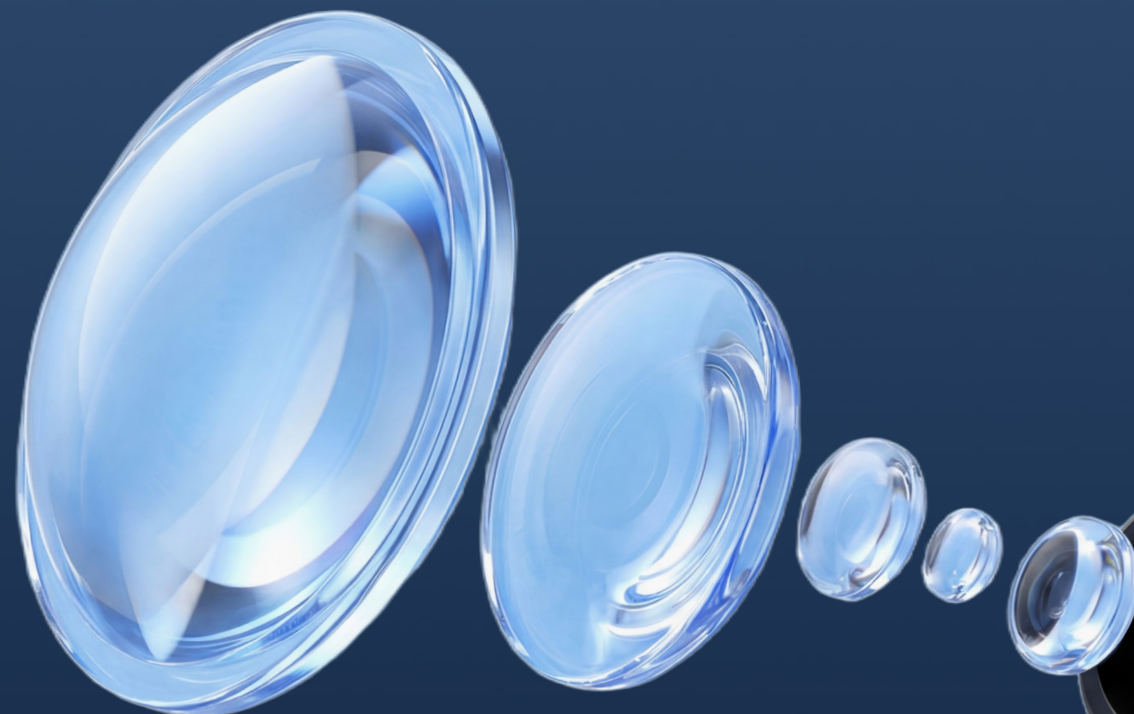


Ultra-Clear 4K Resolution

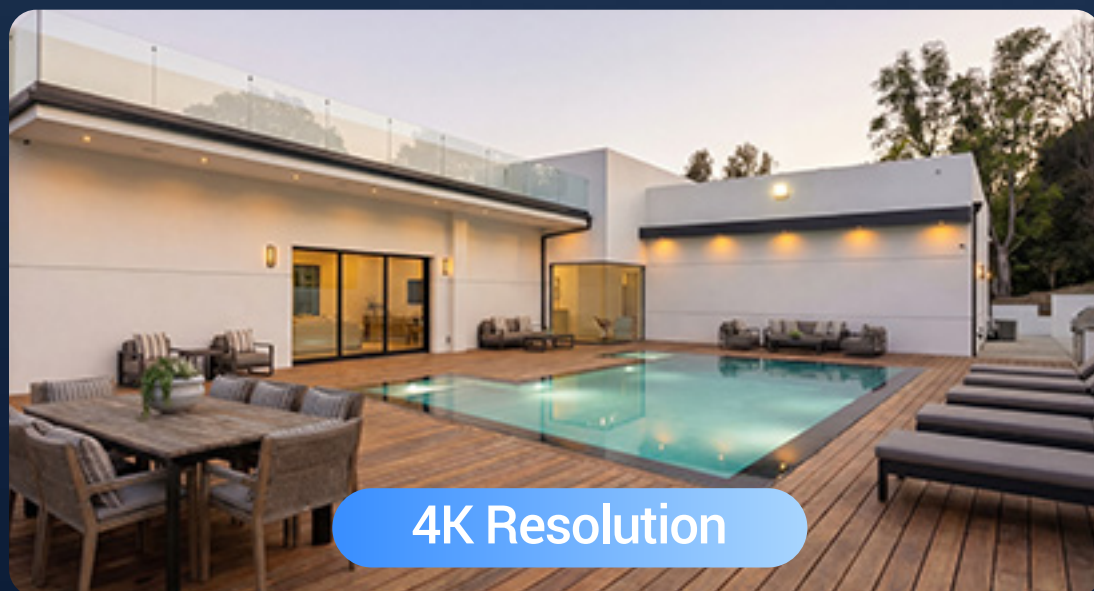
Brings Every Corner Into Sharp 4K

The HB8 Lite paints your outdoors in breathtaking, cinema-grade 4K resolution, ensuring every detail stays crisp and clear so nothing gets lost in the blur.

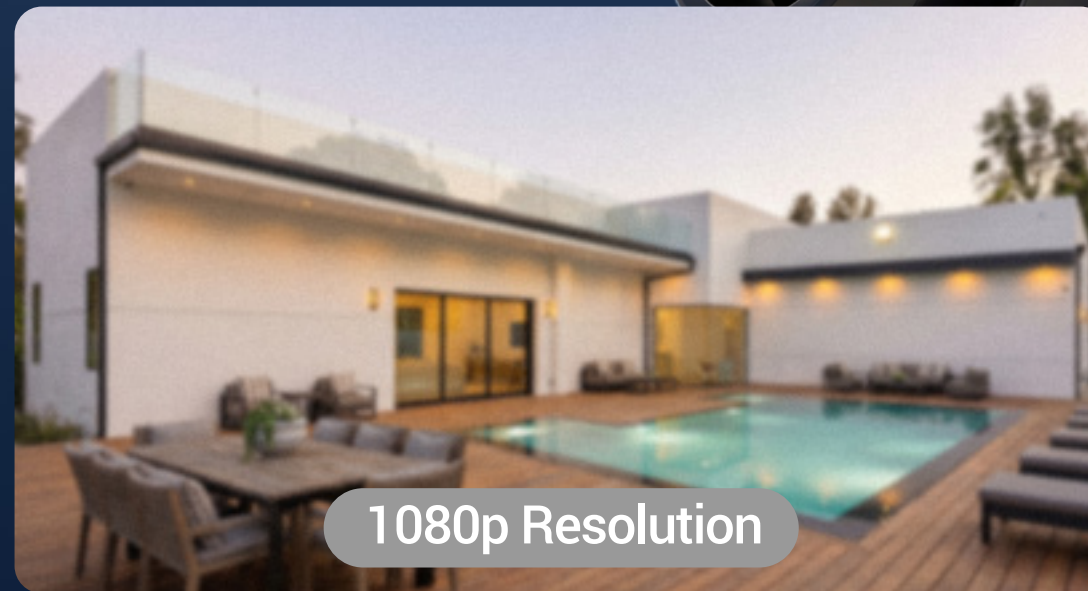
**Ultra HD
4K**



EZVIZ



4K Resolution



1080p Resolution



360° Panoramic Coverage

Covers Every Corner In 360° Panorama

With its smooth pan-tilt design, the camera delivers full 360° coverage, sweeping across your entire space in one complete view with fewer blind spots.



360° View

EZVIZ

350°
Horizontal Rotation

80°
Vertical Rotation

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.

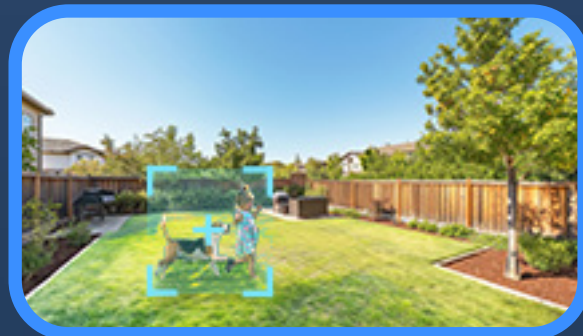
How EZVIZ AOV works?

15 images/second
Normal Speed

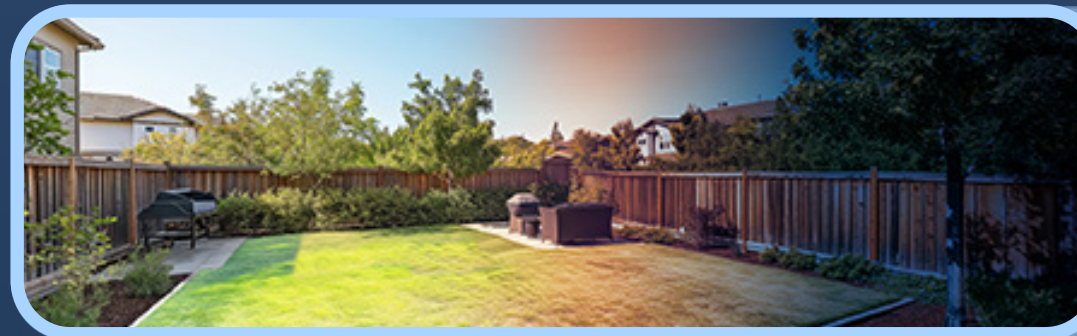
Smart Auto
Time-Lapse Video

15 images/second
Normal Speed

WITH AOV

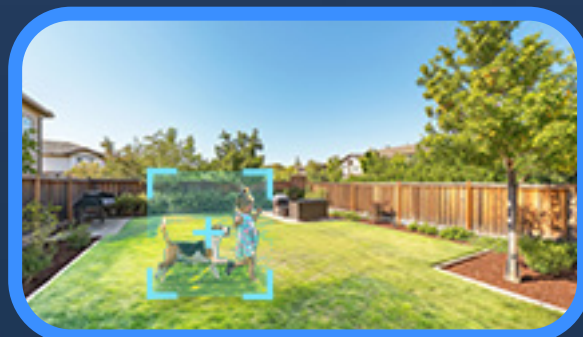


Human Detected

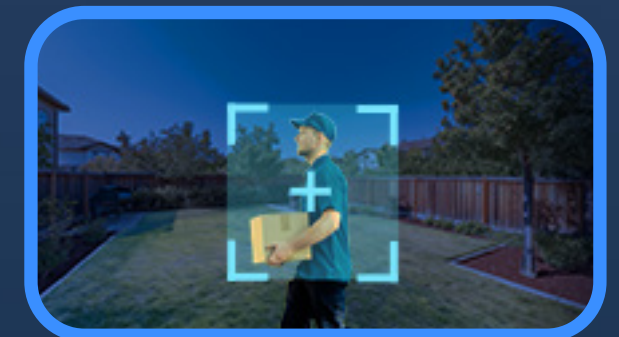


Human Detected

WITHOUT AOV



No Event = No Recording



Why EZVIZ AOV helps?

Wider Longer Detection Range

To see and respond to any activity earlier



Up to 25 meters⁴

Only 9 meters

Wiser Power Consumption

To adjust recording intervals automatically based on battery power conditions



Battery Camera + Solar Panel
All-Year Nonstop Protection⁶



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.



Customizable Detection Zones



Accurate Detection Alerts



Auto-Zoom Tracking

Keeps What Matters In Sharp Focus With Auto Zoom

With auto-zoom tracking, the camera doesn't make important moments slip out of frame. When the camera detects human movement, it automatically pans to stay locked on the action and zooms in for a closer look.



Smart Color Night Vision

Lights Up Your Night With Bright Colors

Say goodbye to blurry, washed-out night footage. Powered by built-in spotlights, the HB8 Lite brings the night to life with vivid, full-color clarity, even in near-total darkness.



2 Spotlights | Full-Color Night Vision

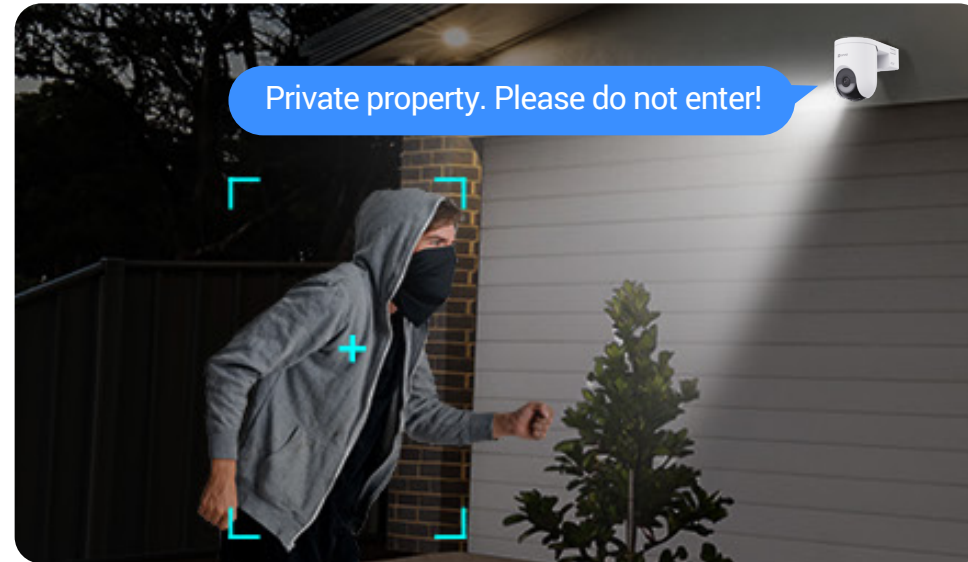


2 IR Lights | Black & White Night Vision

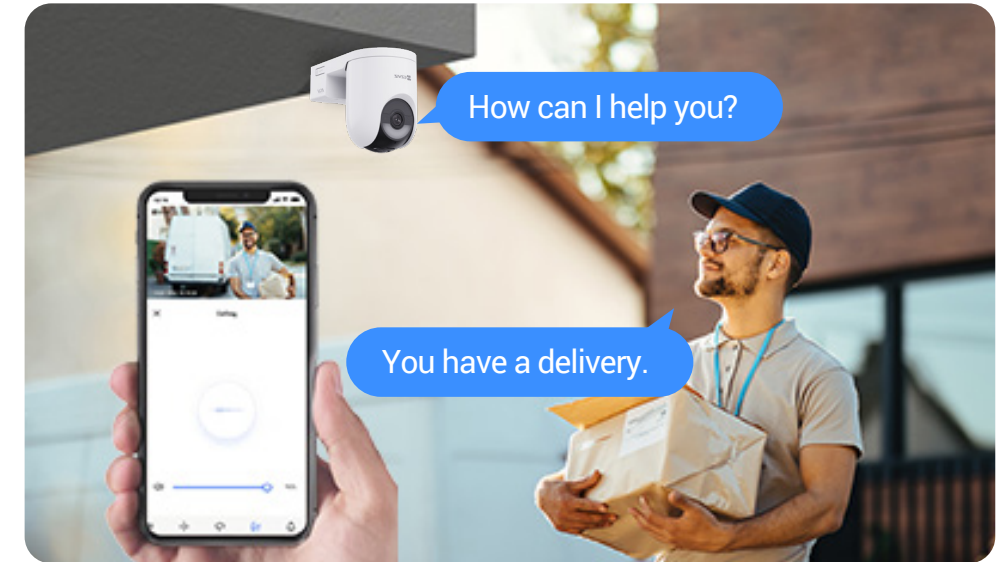
Brings More Convenience For Extra Peace of Mind



Weatherproof Design
Delivers Protection
Whenever Rain Or Shine



Active Defense
Deters Potential Risks
With Sound & Light Strobe



Two-Way Talk
Responds To Visitors
With Your Phone



Wi-Fi 6 Network (2.4GHz)
Enables Smooth Video Streaming



Local & Cloud Storage
Saves Your Videos With Two Options



H.265 Video Compression
Enjoys Video Experiences with H.265⁷

We're committed to protecting with trust

We put security as the primary goal of every product and system that we build, and assiduously improve our practices to better protect your device, data and privacy.

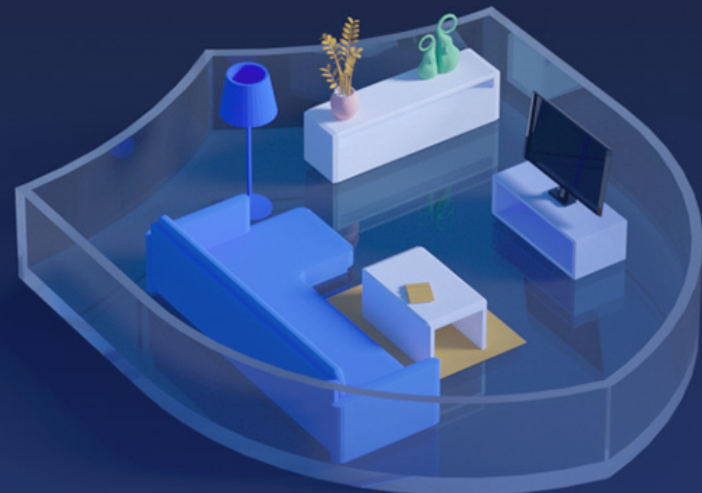
[Learn more about our security practices >](#)



*End-to-end
Data Encryption*

AES

Data Encryption



TLS

*Data Transmission
Encryption*

*Our global certifications in the fields of **information security, privacy information security, and cloud security***



- 1 Use of this feature requires that a compatible local storage card (sold separately) be inserted into the camera.
- 2 The solar panel is not included in the kit. Product compatibility should be verified prior to purchase.
- 3 A compatible local storage card must be purchased separately. Cloud storage services are available only in selected markets; availability should be verified prior to purchase.
- 4 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.
- 5 Based on EZVIZ Lab testing conducted under standard conditions, the HB8 Lite provides a battery life of 95 days in standard PIR-triggered mode, assuming 5 minutes of camera activity per day. Under the same test conditions, the HB8 Lite provides a battery life of 15 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.
- 6 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.
- 7 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-HB8c-R200-1Q8WFL

Camera

Image Sensor	1/2.45" 8-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	Self-Adaptive Shutter
Lens	4mm @ F1.6 Diagonal Angle: 96° Horizontal Angle: 79° Vertical Angle:42°
PT Angle	Pan: 350°, Tilt: 80°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15 m

Video & Audio

Max Resolution	4MP
Frame Rate	15fps. Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra HD; Quad HD, Full HD; Hi-Def .Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	4 Mbps

Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11 ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Support 20MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps,11g :54Mbps,11n :72Mbps, 11ax:114Mbps

Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Minimum Network Requirement	4 Mbps

Function

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

Storage

Local Storage	Supports Local (Up to 512 GB) Storage
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 (Adapter needs to be purchased separately)
Battery Capacity	5200 mAh
Power Consumption	Max.10W
Product Dimensions	168 × 100 × 137.2 mm
Package Dimensions	205 × 145 × 194 mm
Product Weight	660 g
Weight with package	920 g

In the box

- HB8 Lite Camera
- Power Cable
- Drilling Template
- Screw Kit
- Quick Start Guide × 2
- Regulatory Information × 2

Certifications

CE / REACH / WEEE / RoHS

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

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