



HB8 Lite 4G 2K+

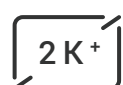
4G & Wi-Fi Smart Home Battery Camera

Outdoor protection knows no bounds with 4G

The HB8 Lite 4G makes outdoor security simple. When Wi-Fi is weak or unavailable, it automatically switches to 4G to keep you connected without interruption. Designed for flexibility, it offers 24/7 recording with EZVIZ's AOV technology, saving footage directly to a local storage card so you never miss a moment. Pair it with the EZVIZ solar panel for continuous, eco-friendly power. With smart detection and easy setup, it's the worry-free way to protect what matters — anytime, anywhere.



Dual Connectivity
with 4G and
Wi-Fi 6¹



2K⁺ Resolution



Always-On
Video Mode 2.0



Rechargeable
Lithium Battery



Works with EZVZ Solar
Panels (Type-C versions)
for Green Power²



360° Panoramic
View



AI-Powered
Human / Vehicle
Shape Detection



Smart Tracking



Color
Night Vision



Balanced Image
Exposure
with Smart Lights



Two-Way Talk



Active Defense
with Siren
& Strobe Light



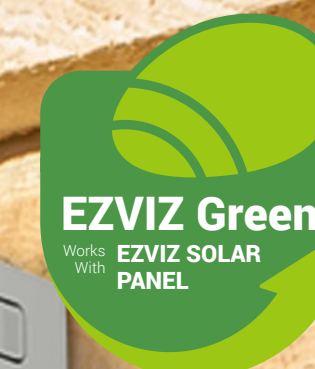
Weatherproof
Design



Smart Integration
with Google Assistant
& Amazon Alexa³

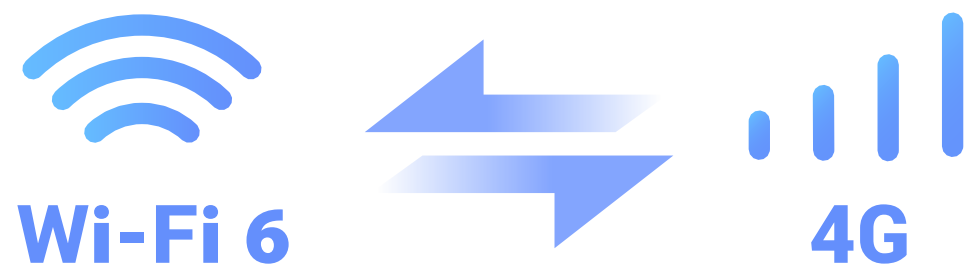


Supports MicroSD
Card (up to 512 GB) &
EZVIZ CloudPlay Storage⁴



One camera that fits into every scenario

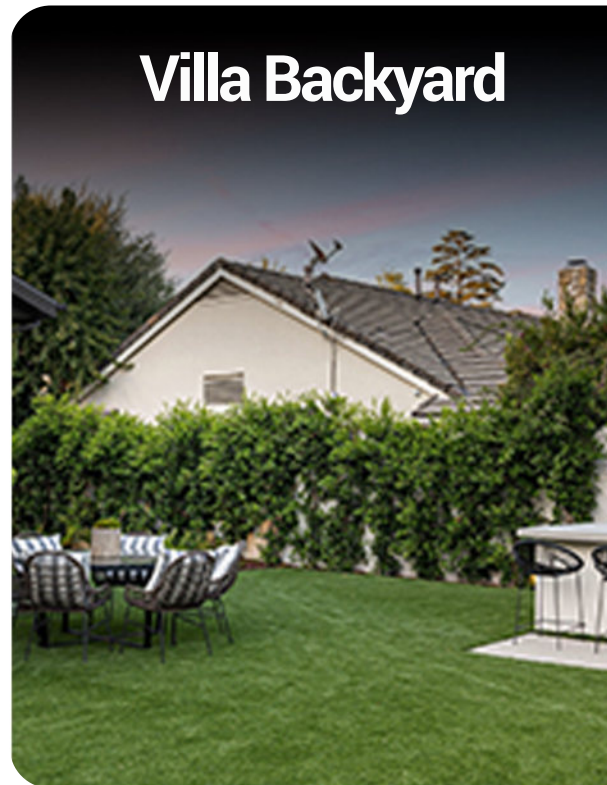
No matter where life takes you, this 4G camera has you covered. When Wi-Fi is spotty or goes offline, it automatically switches to 4G, so you're always connected with real-time alerts.



Nano SIM Card

Note: To use 4G connectivity, a compatible Nano SIM card and an active cellular data plan are required.

Villa Backyard



Household Garage



Forest Cabin



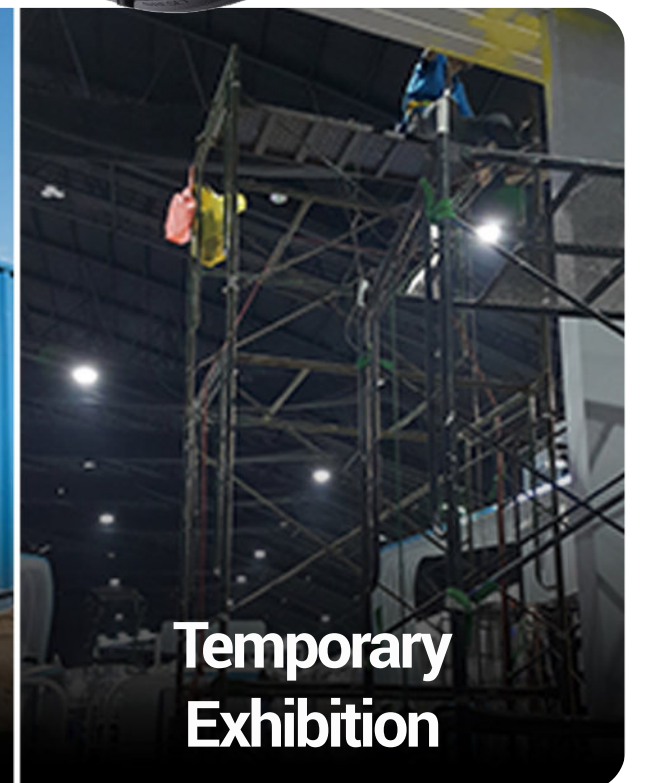
Farm Land



Construction Site Land



Temporary Exhibition



Time for battery-powered all-day recording

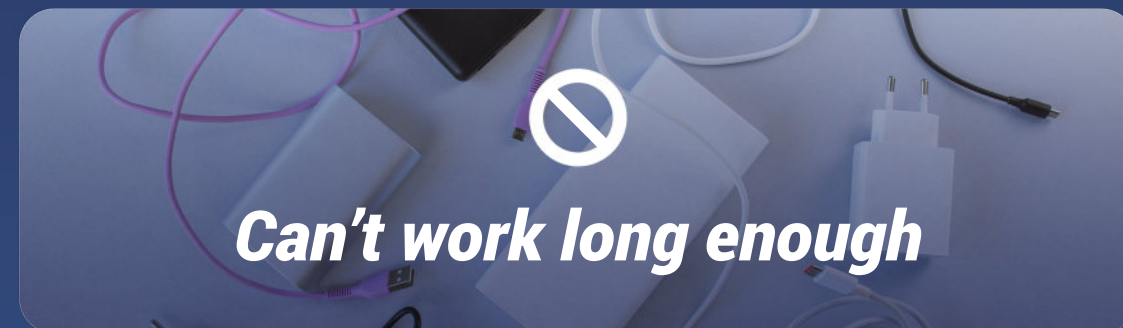
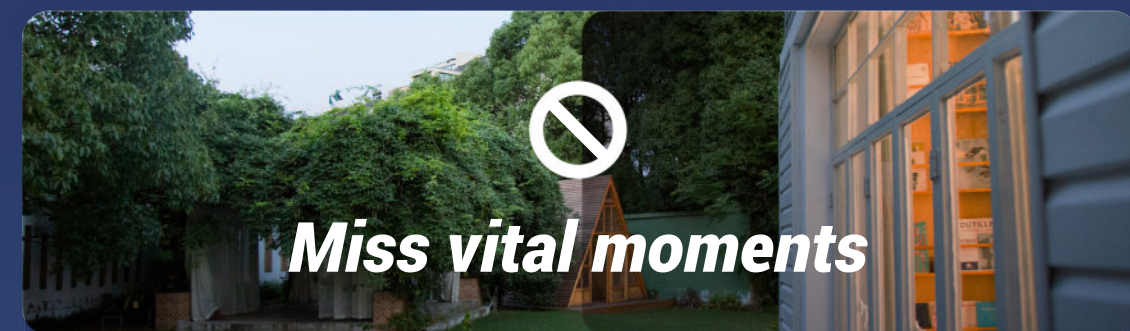
Unlike most battery cameras on the market, which have trouble detecting and recording videos due to short battery life and non-smart sensors, the camera is equipped with EZVIZ's groundbreaking AOV technology to enable all-day recording while ensuring a long standby time with a much greater detection distance.

[About the EZVIZ AOV Technology >](#)



VS

Most battery cameras in the market



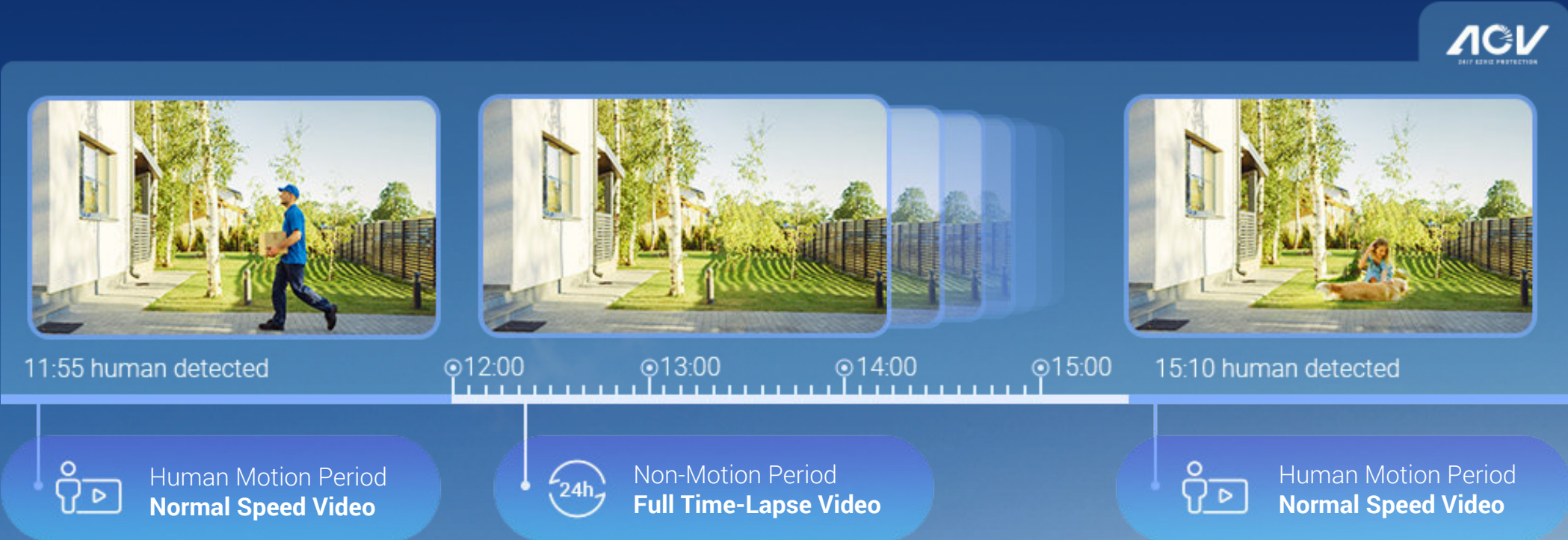
01 Always records, scenes or events

When on the AOV mode, the HB8 Lite 4G can capture images at preset time intervals and process them to create a smooth time-lapse video⁵ showing the changes over time, even when there is no activity. Once detecting an activity, the camera will switch to normal-speed videos to provide more information. You can now obtain all-day recording on a battery-powered camera without having to plug it into a power outlet.

Now upgraded to **AOV 2.0**

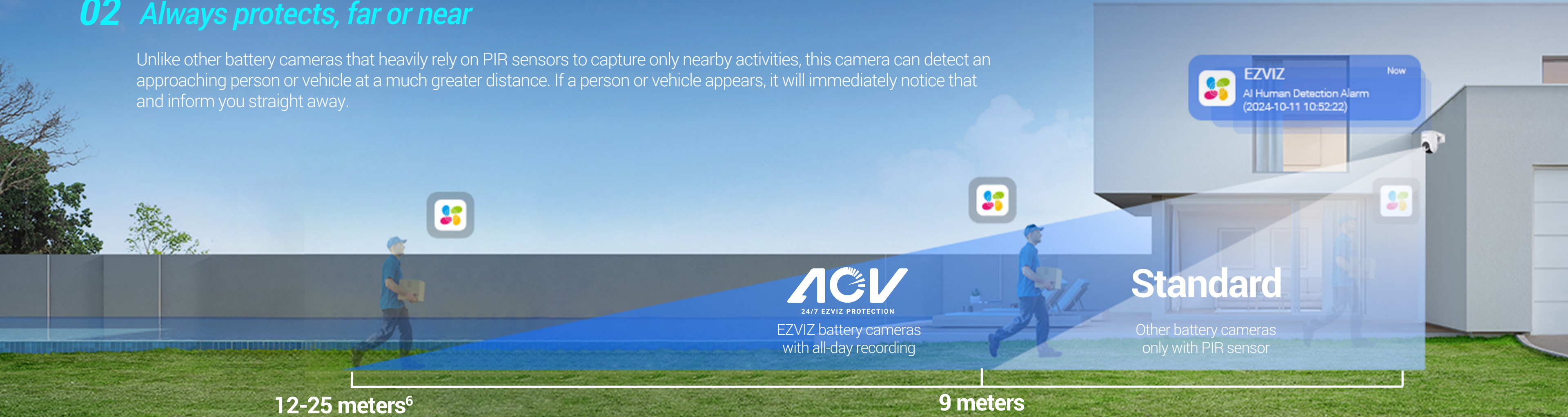
Wiser Battery Consumption for All-Day Recordings

Down to 1-Second Ultra-Short Time Interval



02 Always protects, far or near

Unlike other battery cameras that heavily rely on PIR sensors to capture only nearby activities, this camera can detect an approaching person or vehicle at a much greater distance. If a person or vehicle appears, it will immediately notice that and inform you straight away.



Solar Panel + Rechargeable Battery

Go solar for true 24/7 security

When paired with EZVIZ's eco-friendly Solar Panel Series², the HB8 Lite 4G stays continuously charged, eliminating battery worries. Coupled with the AOV Auto mode, this smart setup enables uninterrupted 24/7 video recording, so you never miss a moment all day long.



360-degree vision that is crisp and clear


Forget about installing multiple cameras to secure different directions – a single HB8 Lite 4G can pan and tilt smoothly to capture an unrestricted 360-degree view. Its sharp 2K⁺ resolution lets you see fine details at different angles that matter to you.


2K⁺



Smarter vision, better detection

The HB8 Lite 4G is smart enough to distinguish moving people and vehicles from other objects. You no longer need to constantly watch your camera or go through long video files to find a crucial moment – set up the detection preferences and let the camera inform you when it's important.

 AI-Powered
Human / Vehicle
Shape Detection

 Customizable
Detection Zone

FREE No Subscription
Fee



Record an unfolding activity with auto smart tracking

Unlike a fixed-angle camera, which can easily lose sight of a moving person in its limited field of view, the HB8 Lite 4G is able to change its sight to keep a close eye on an ongoing activity. As soon as a person enters the detecting zone, the HB8 Lite 4G is activated to lock on the person, rotating to follow the entire movement.

Night is now bright and colorful

Blurred and pixelated night vision is now a thing of the past. Thanks to its built-in spotlights, the HB8 Lite 4G delivers vivid and crisp visuals even in the dimmest environments. You can choose between two night vision modes as you'd like.



2 Spotlights | Full-Color Night Vision



2 IR Lights | Black & White Night Vision

Smart adaptation for even and clear images

Wherever you install the HB8 Lite 4G camera, it manages to comprehend the surrounding light to automatically create an evenly exposed, clear image, even in the dark. Users can choose to enable the "Balanced Image Exposure" option via the EZVIZ App at any time, regardless of which night vision mode the camera is in.

For open area



With adaptative smart light



Without adaptative smart light

For edges & corners



With adaptative smart light

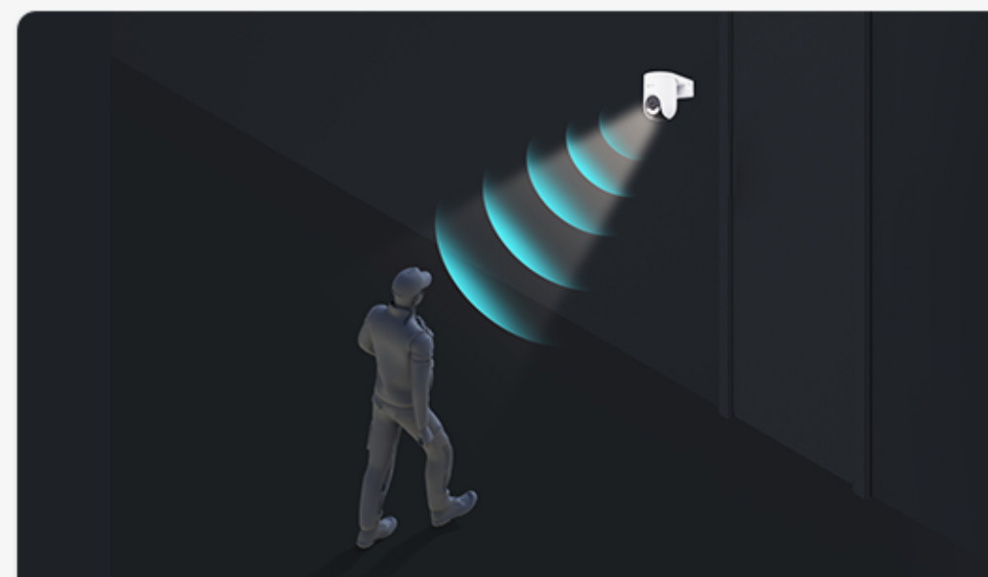


Without adaptative smart light



Respond with high-quality audio

Easily respond to any visitor by simply using your phone to speak remotely. The camera can also auto-play a recorded voice message when a motion is detected.



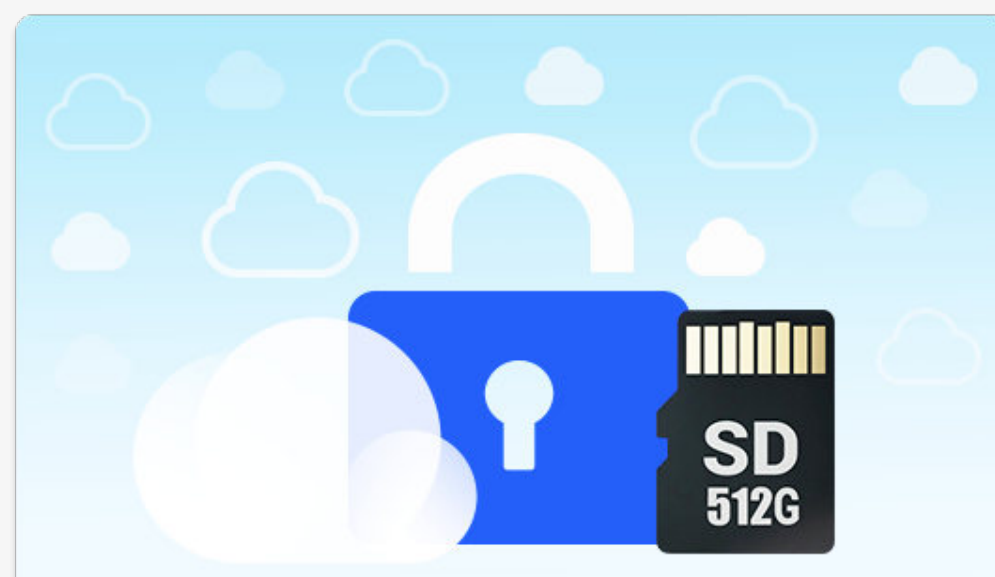
Use active defense to defer

Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights to let the uninvited strangers know they have been detected.



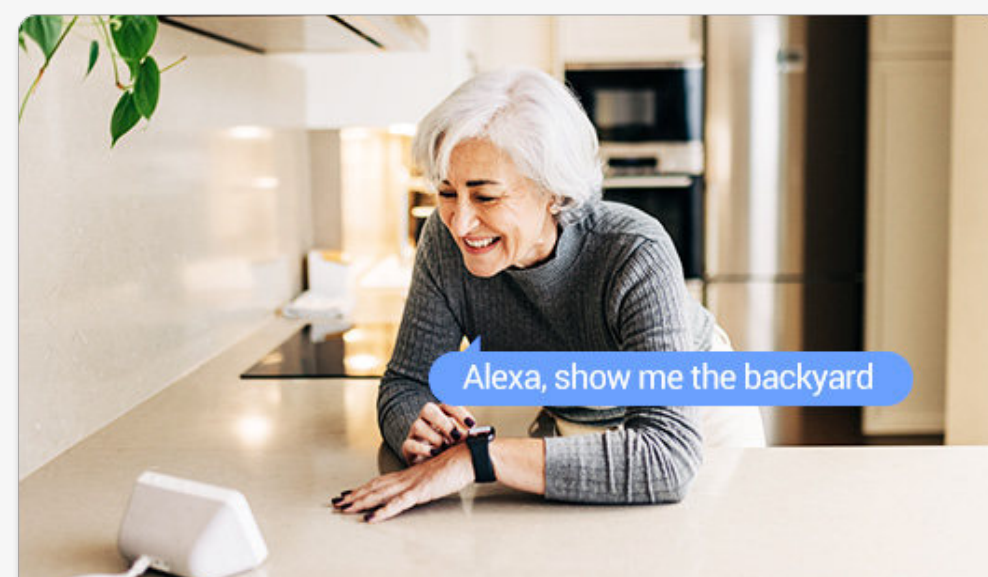
Deliver protection, rain or shine

With a robust weatherproof design, the camera ensures continuous operation, making it your reliable partner in all weather scenarios.



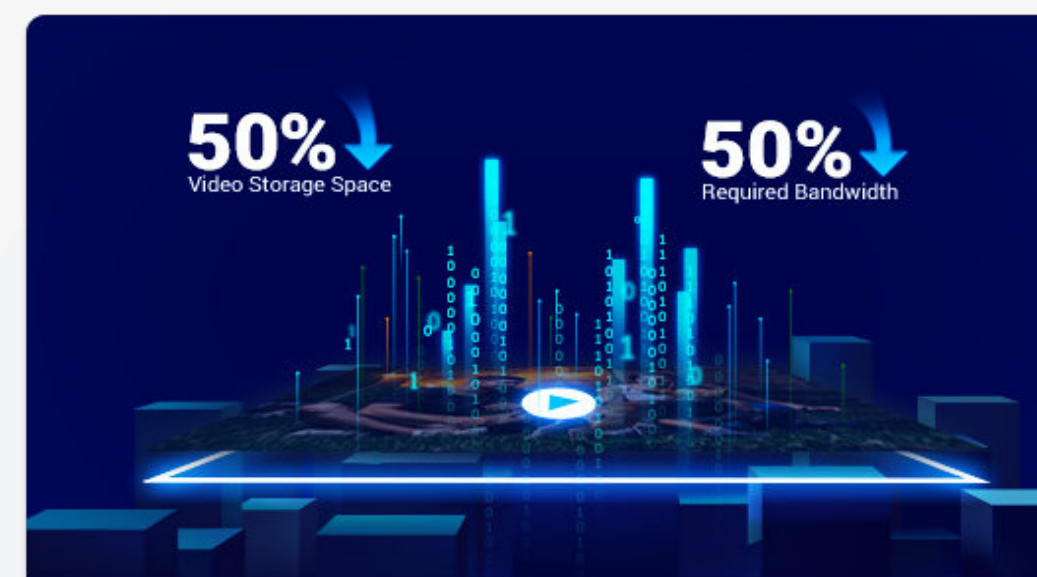
Save your videos with two options

Safely store important moments or cute memories on a large local storage card, or by subscribing to the EZVIZ CloudPlay.⁴



Control with your voice, hands-free

The camera supports easy integration to your existing voice assistants. You can pull up the video feed by simply saying "Alexa" or "Hey Google".³



Enhance video experience with H.265

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by cameras with H.264.⁷

A cleaner planet, with an EZVIZ Green product

At EZVIZ, we design products with sustainability in mind, building a smart home that's ready for the future and responsible for the planet. By integrating the use of solar technology and planting forests, we enable you to live a smart lifestyle with less carbon emissions.



Reduces carbon emissions generated by a multi-device smart home

[Learn more >](#)



Initiative of the Year



Grows the EZVIZ Global Forest Plan with locally beneficial tree

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 This feature requires OTA update via the EZVIZ App before using. Please check the device page on your EZVIZ App for detailed information. Please note that a supported Nano SIM card and a cellular data plan are needed to enable the 4G connectivity.
- 2 The solar panel is not included in the kit. Please verify the product compatibility before making a purchase.
- 3 Amazon Alexa and Google Assistant are not available in certain languages and countries.
- 4 The 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.
- 5 To use this function, a compatible microSD card (sold separately) must be inserted into the camera.
- 6 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the camera is able to detect movements at a distance of up to 25 meters during the day, and up to 12 meters during the nighttime. Other tested battery models that use PIR-based detection usually have a detection distance of up to 9 meters. The actual detection range may differ due to environmental factors.
- 7 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, and other environmental factors.

Camera

Image Sensor	1/3" 4-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: 90° Horizontal angle: 75° Vertical angle: 40°
PT Angle	Pan: 340°, Tilt: 80°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	15 m

Video & Audio

Max Resolution	2K+ (2560×1440)
Frame Rate	15fps; Self-adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra-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, 802.11ax
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: 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
Frequency Bands	IN LTE-FDD: B1/B3/B5/B8 IN LTE-TDD: B34/B38/B39/B40/B41 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-powered human shape detection AI-powered vehicle shape detection
Two-Way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports microSD card (max. 512 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)

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 5 V / 2 A (Adapter needs to be purchased separately)
Battery Capacity	5,200 mAh
Power Consumption	Max.10 W
Product Dimensions	168 × 100 × 137.2 mm (6.61 × 3.94 × 5.40 inch)
Packaging Dimensions	205 × 145 × 194 mm (8.07 × 5.70 × 7.64 inch)
Product Weight	660 g (23.28 oz)
Weight with Package	1120 g (39.50 oz)

In the box

- HB8 Lite 4G Camera
- Drill Template
- Screw Kit
- Power Cable
- Regulatory Information × 2
- Quick Start Guide × 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.