



# HB8 Lite + Solar Panel 5W



Wi-Fi Battery Camera Kit



# Always-On 4K. Always-Ready Protection.

Ultra-Clear  
**4K Resolution** EZVIZ

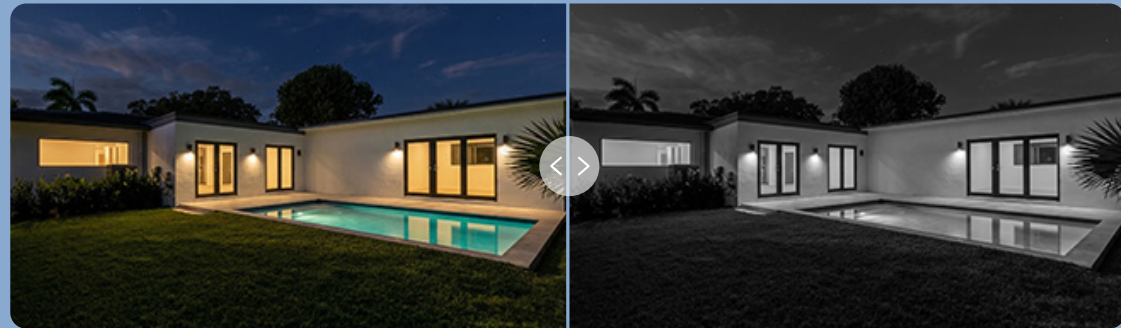


**360° Panoramic Coverage**




**360° View**

**Smart Color Night Vision**




**Always-on Video Mode<sup>1</sup>**  
With EZVIZ Solar Panel

15 images/second      Time-Lapse Video

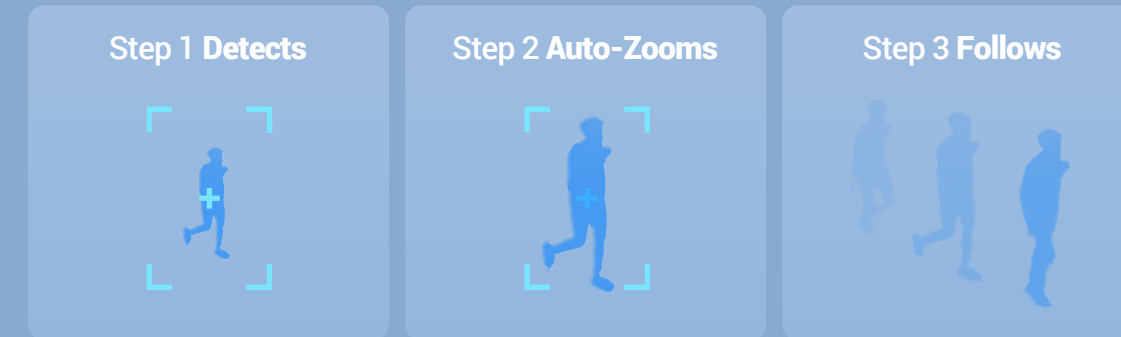


**AI-Powered**  
Human / Vehicle  
Shape Detection



**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 Storage<sup>2</sup>**

Up to **512GB**

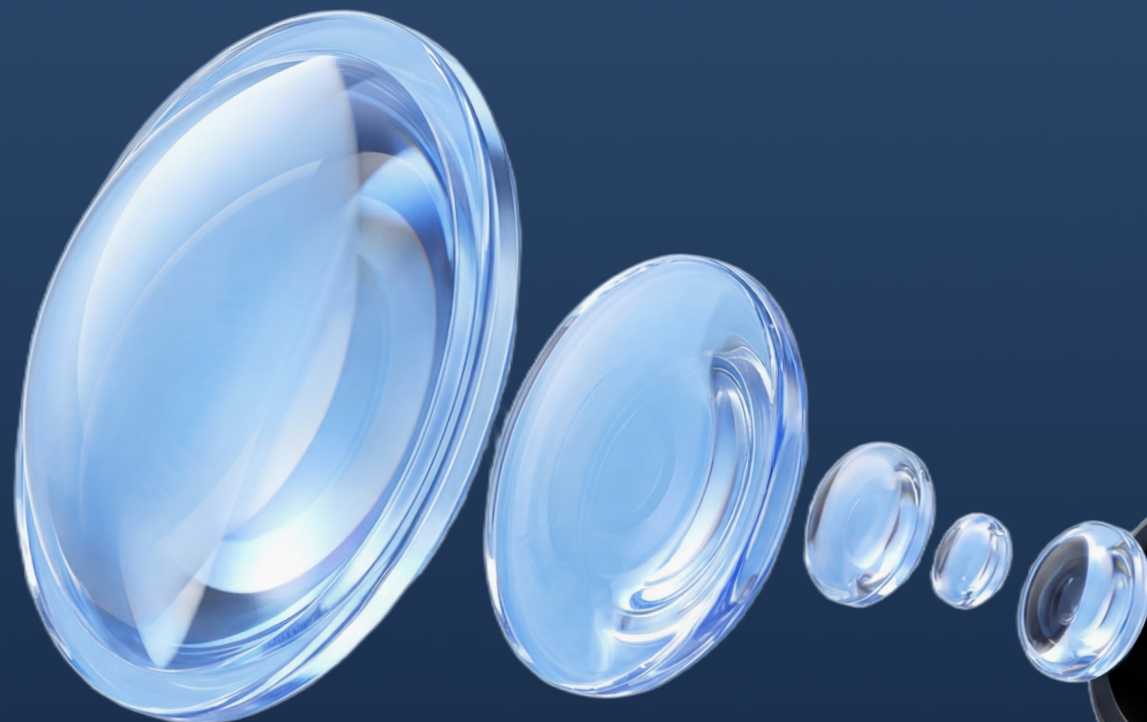


Ultra-Clear 4K Resolution

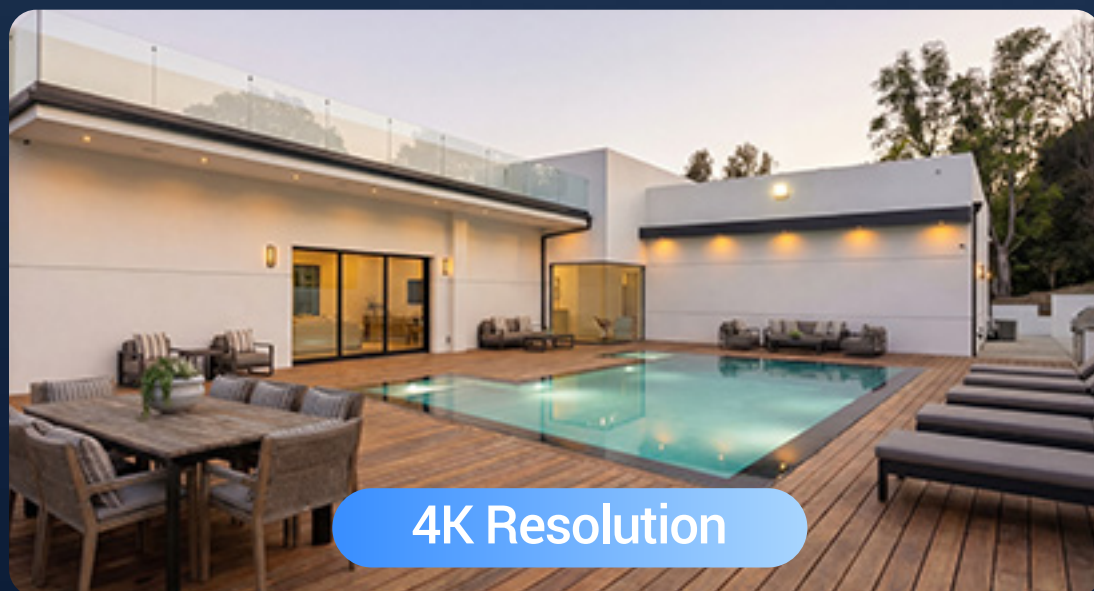
## Brings Every Corner Into Sharp 4K

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.

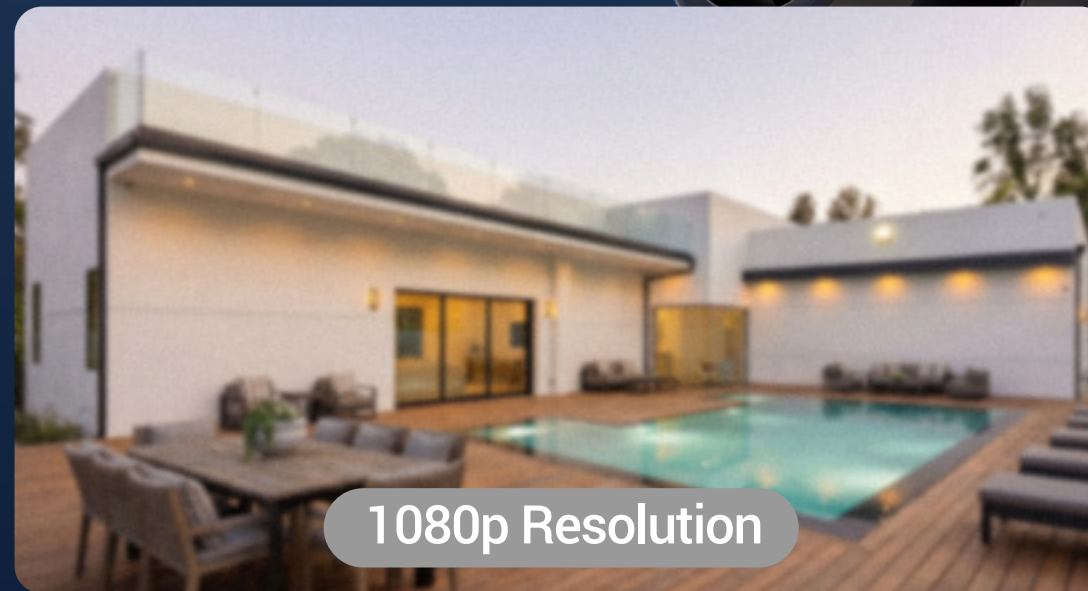
**Ultra HD  
4K**



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**



**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.

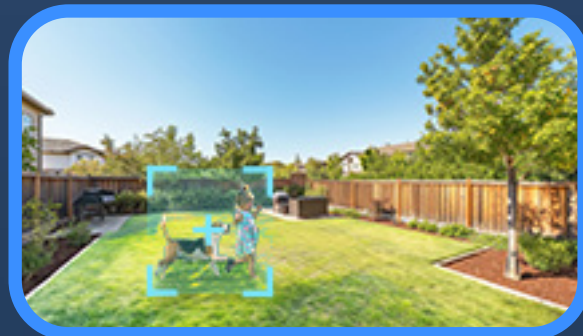
## How EZVIZ AOV works?

**15 images/second**  
Normal Speed

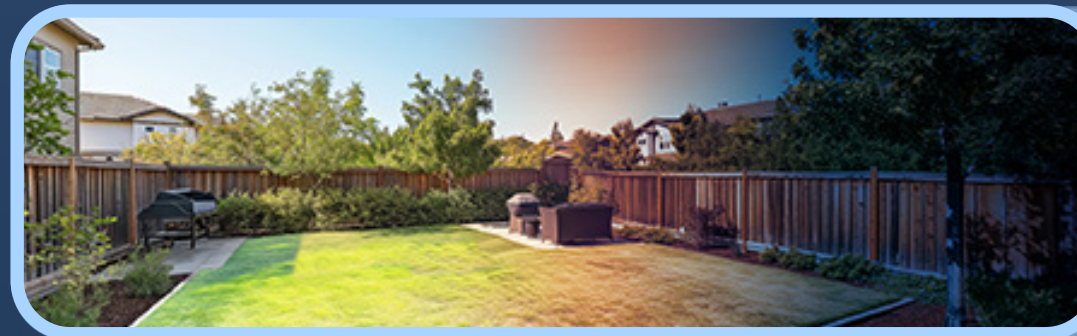
**Smart Auto**  
Time-Lapse Video

**15 images/second**  
Normal Speed

**WITH AOV**

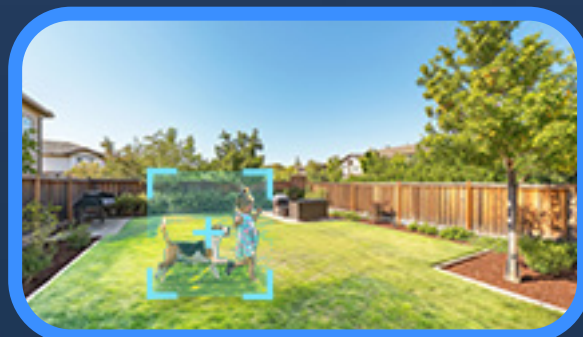


Human Detected

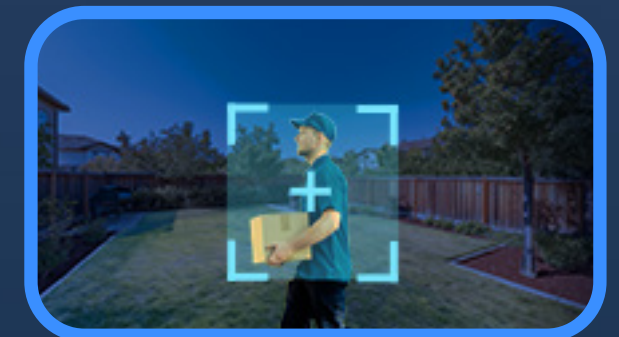


Human Detected

**WITHOUT AOV**



No Event = No Recording



## Why EZVIZ AOV helps?

### Wider Longer Detection Range

To see and respond to any activity earlier



## 2-hour sunshine<sup>4</sup> = All-Year & All-Season Protection

### 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.



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

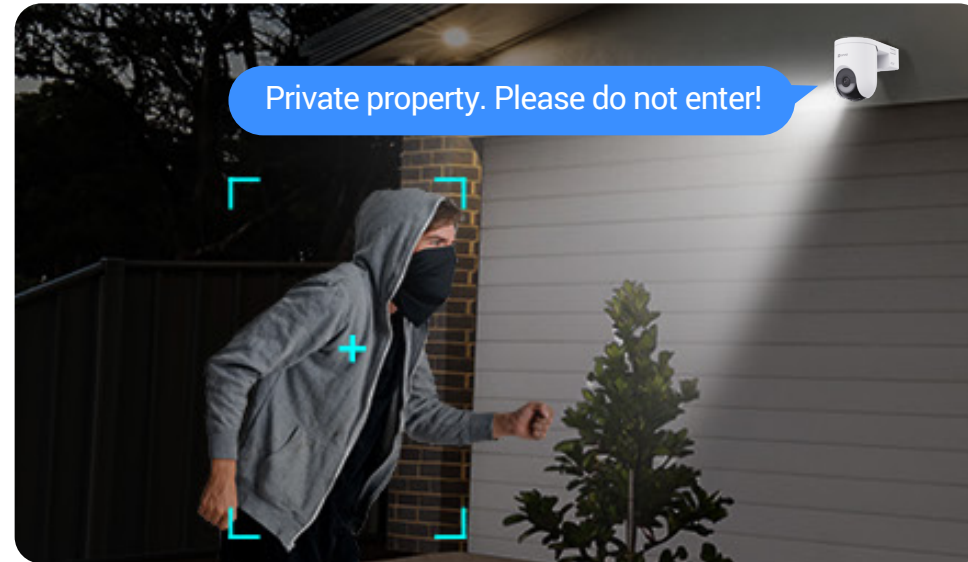


**2 IR Lights** | Black & White Night Vision

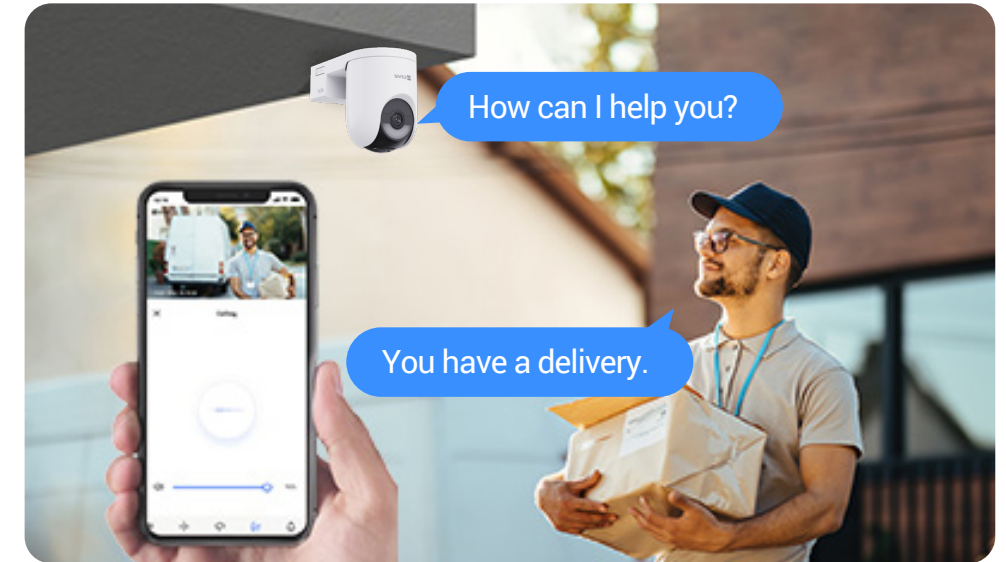
# Brings More Convenience For Extra Peace of Mind



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.265<sup>5</sup>**

# 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.

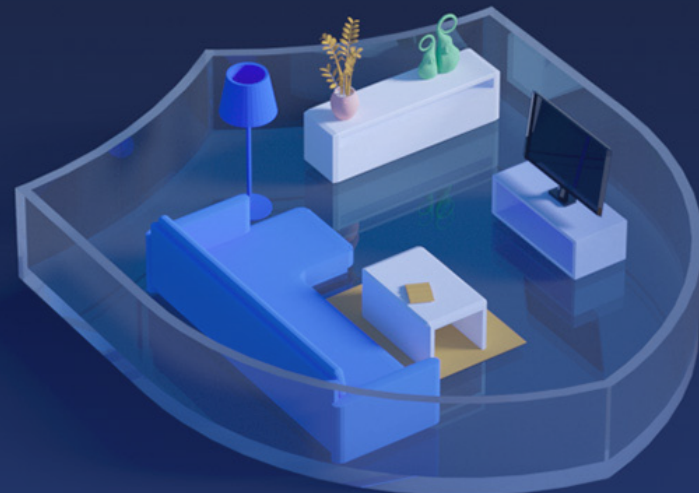
[Learn more about our security practices >](#)



*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 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.
- 3 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.
- 4 Data from EZVIZ Lab's test results, under the following standard condition: AM=1.5 , 25°C, 1000W/m<sup>2</sup> 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-HB8c-R200-1Q8WFL

## Camera

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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

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Max Resolution	8 MP
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

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Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
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

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

## Storage

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Local Storage	Supports Local (Up to 512 GB) Storage
Cloud Storage	EZVIZ Cloud Storage

## General

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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

### Performance Parameter

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Power Voltage	5.7 V
Power Current	877 mA
Open Circuit Voltage	6.9 V
Short Circuit Current	0.92 A
Max. Power	5 W
Interface	Type-C
Solar Cell Efficiency	≥ 23.5%
Operating Conditions	-20°C ~ 60°C (-4°F ~ 140°F) Humidity 90% or less (non-condensing)
IP Grade	IP65
Solar Cell Type	Monocrystalline solar cells
Power Cable Length	3 meter

### General

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Dimensions	Camera: 168 × 100 × 137.2 mm Solar panel: 210 × 154 × 33 mm
Packaging Dimensions	255 × 176 × 194 mm
Net Weight	Camera: 660 g Solar panel: 284 g
Weight with Package	1440 g


## In the box

- HB8 Lite Camera
- Solar Panel 5W
- Power Cable
- Drilling Template
- Screw Kit
- Quick Start Guide × 2
- Regulatory Information × 2

## Certifications

CE / REACH / WEEE / RoHS

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