



CB5 Type-C

Smart Home Solar Battery Camera

Solo. Solar. Sophisticated.

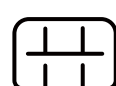
Meet the next-generation camera that lives up to your dream of simple, reliable and powerful home protection. The first-of-its-kind in EZVIZ's reputable home camera lineup, the CB5 features 4K video, an integrated solar panel, advanced AI-powered detection functions, an Always-On Video Mode and much more of what you could or would want when choosing an all-in-one security camera. With just a single CB5, you can start enjoying non-stop peace of mind with minimal effort.



4K Resolution



Always-On
Video Mode¹



Built-in 1.4W Solar
Panel (2-Hour Charging
for Whole-Day Use)²



10400 mAh Large
Battery (Up to 180 Days
Without Solar Charging)³



AI-Powered
Human / Vehicle
Shape Detection



Extended Power
Supply with Add-On
EZVIZ Solar Panels⁴



Weatherproof
Design



Active Defense



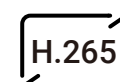
Color Night Vision



Two-Way Talk



Supports Wi-Fi 6
Network (2.4 GHz)



H.265 Video
Compression



Smart Integration
with Google Assistant
& Amazon Alexa⁵



Supports MicroSD
Card (Up to 512 GB) &
EZVIZ CloudPlay Storage⁶



Non-stop power. Unprecedented easiness.

Solar style, green lifestyle

No electricity wiring available but desire continuous power? The CB5 turns every ray of the sunshine as its free source of energy. Only two hours of direct sunlight every day keep the camera running nonstop.² Even when it's rainy season, the onboard 10,400mAh large battery ensures the CB5 operates up to 180 days uninterruptedly.³



 **2 hours** ≈  **24 hours**



Wire-free, hassle-free

Install CB5 effortlessly – no wires, no hubs and no extra solar panels. Its compact design makes it easy to change its location to find the best sunny spot.

Exceptional vision. Go beyond details.

Time for 4K Ultra HD

We advance the lens of the CB5 to render stunning 4K videos, so even the smallest detail that usually slips your attention now becomes crystal clear. Use the CB5 to oversee expansive outdoor landscapes with precision, and relive precious family moments like never before.



True-to-life night vision

The CB5 delivers vibrant, full-color live feeds at night with its integrated spotlights. Equipped with the F1.6 aperture, it ensures crisp visuals in low-light condition, too. You can set the camera on a smart mode to auto-switch between the two night visions.

The power to protect, now always on

With EZVIZ's innovative AOV technology, the CB5 provides a plenty of recordings beyond PIR-triggered events, while managing power consumption much more efficiently.

[About the EZVIZ AOV Technology >](#)

- Please update your camera to the latest firmware version to use the full AOV functions. -

01 Always records, scenes or events

Want all-day recording video but worry about the battery will run out too quickly? Use the AOV mode. The CB5 can connect and process the images captured at preset time intervals to render a continuous time-lapse video that shows you changes in the environment.⁷ When an important human activity happens, the camera starts recording a normal video, so you don't miss an important detail.



Wiser Battery Consumption
for All-Day Recordings



02 Always protects, far or near

When the AOV is on, the camera can detect an approaching person or vehicle at a much greater distance. If a person or vehicle appears in the camera, even if they are outside the range of the PIR sensor, the camera will notice that and inform you immediately.



Extended
Detection Distance





Powerful detection without a subscription

The CB5 starts detecting important activities around your home the moment that you have it installed, without any hidden fee to lock out advanced features. It smartly distinguishes people and cars from other trivial moving objects, so you do not receive tons of unwanted notifications.

Extra-large storage for everyday videos

Even huge video files and detection clips in a busy day can be properly and safely stored without a problem. You can use a large microSD card to keep everything locally without any commitment to a monthly plan. Or, simply enjoy the services provided by the EZVIZ CloudPlay⁶ for less hassles.



Supports MicroSD Card



Supports EZVIZ CloudPlay Storage

Trusted performance. Ready for the outdoors.

Enhanced connectivity in even large houses

Even when installed outside of houses with thick walls and large transmission range, the CB5 is able to remain vigilant and responsive with a stable Wi-Fi network, thanks to the Wi-Fi 6 technology.

Enhanced
Connectivity

Low-latency
4K Streaming

Extended Range
& Coverage

No Hub
Required

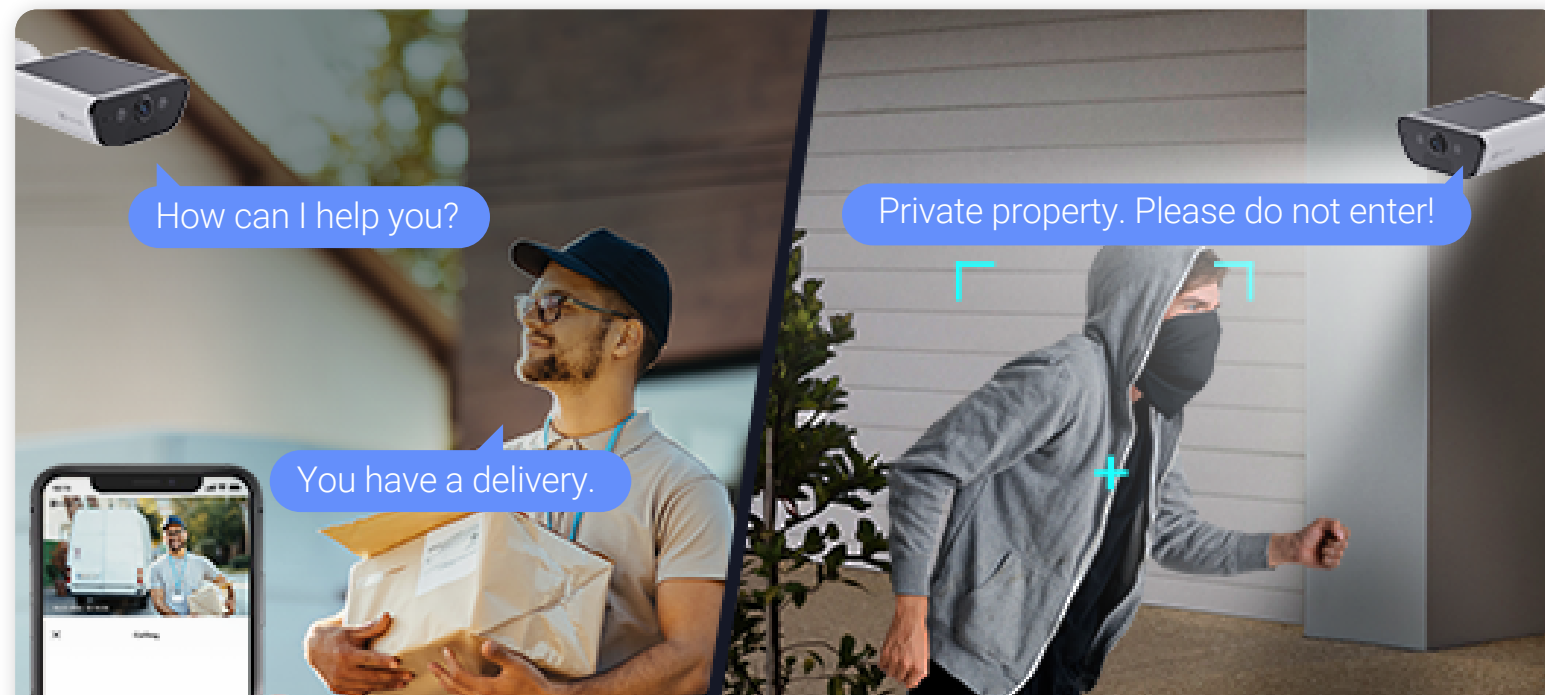


Built to last long

The CB5 is made with a durable, weatherproof enclosure. You can always trust on its performance against rain, dust and snow.

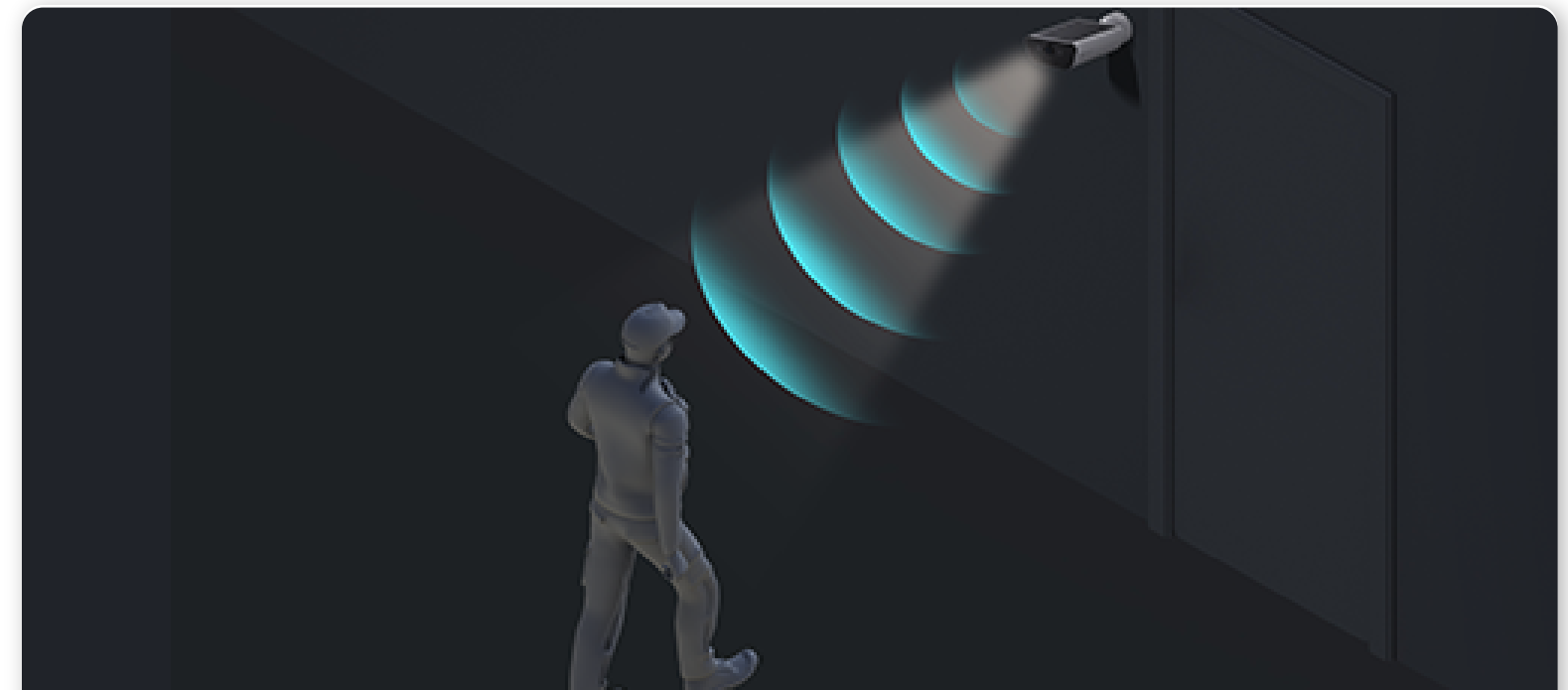


More convenience for various needs



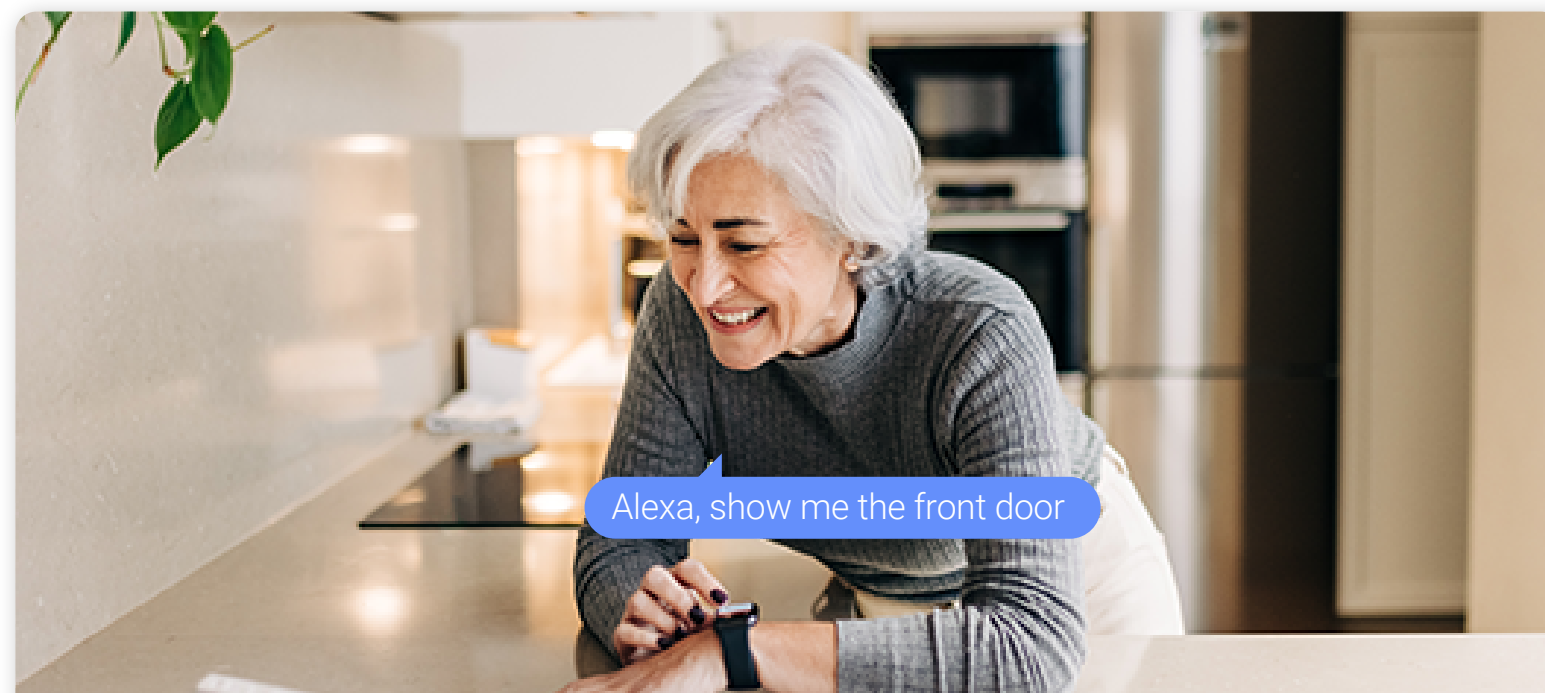
High-quality audio to respond & warn

Easily respond to any visitor by simply using your phone to speak remotely. The CB5 can also auto-play a recorded voice message when a motion is detected.



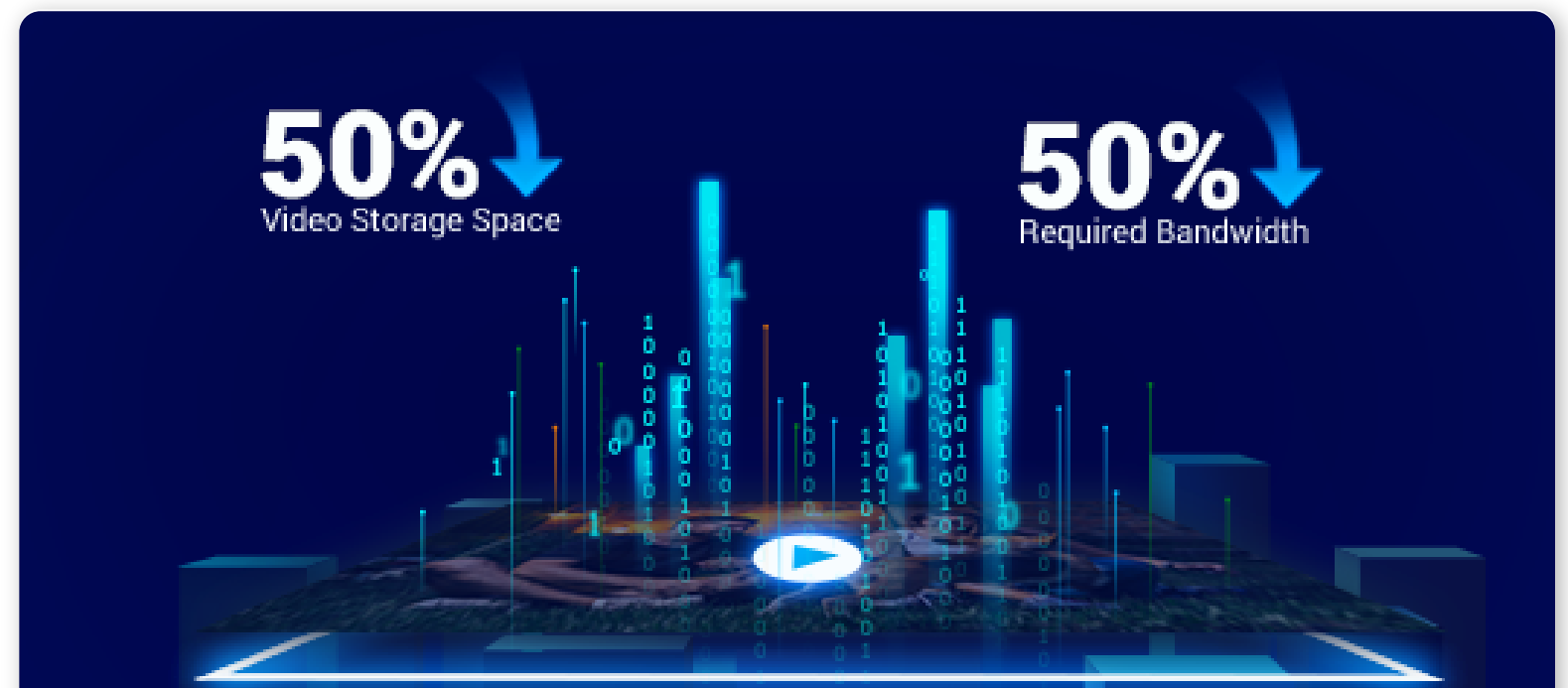
Active defense to deter & safeguard

Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights⁹ to let the uninvited strangers know they have been detected.



Smart integration for hands-free control

The CB5 supports easy integration to your existing voice assistants. You can pull up the video feed by simply saying "Alexa" or "Hey Google".⁵



H.265 for enhanced video experience

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by cameras with H.264.¹⁰

- 1 Please update your camera to the latest firmware version to use the full AOV functions.
- 2 Data from EZVIZ Lab's test results, under the following standard condition: AM=1.5 , 25°C, 1000W/m², SMQ. The data is obtained based on the usage of 5 minutes per day, including the activities of camera detection and auto-triggered recording. Actual charging efficiency may be higher or lower depending on sunlight intensity and other environmental factors, and the actual hours of camera use may also vary due to the frequency of camera activities and other environmental factors.
- 3 Data from EZVIZ Lab's test results, under the condition that the camera only operates with the fully charged onboard battery and does not consume additional power converted by the integrated solar panel. The data is obtained based on the usage of 5 minutes per day, including the activities of camera detection and auto-triggered recording. Actual use may vary due to environmental factors and the frequency of camera activities.
- 4 The CB5 only supports working with the EZVIZ Solar Panels that use Type-C charging cables. The add-on solar panel is not included in the CB5 package. Please verify the product compatibility before making a purchase.
- 5 Amazon Alexa and Google Assistant are not available in certain languages and countries.
- 6 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.
- 7 To use this function, a compatible microSD card (sold separately) must be inserted into the camera.
- 8 When the AOV mode is enabled, according to EZVIZ Lab's test results under standard conditions, the CB5 is able to detect movements at a distance of up to 25 meters during the day, and up to 12 meters during the nighttime. The actual detection range may differ due to other environmental factors.
- 9 The spotlights will not flash when color night vision mode is enabled.
- 10 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.

Specifications

CS-CB5-R100-2F8WFL

Camera

Image Sensor	1/2.7" 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	2.8mm@ F1.6 Diagonal angle: 135° Horizontal angle: 113° Vertical angle: 60°
Day & Night	IR-cut filter with auto switch
DNR	3D DNR
Night Vision	IR Distance:15m, Color Night Vision Distance:15m

Video & Audio

Max Resolution	3840 × 2160
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

Function

Smart Alarm	AI-powered human shape detection AI-powered vehicle detection
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Network

Bluetooth	Supports
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20MHz
Security	WPA-PSK/WPA2-PSK, WPA3-Personal
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	8 Mbps

Storage

Local Storage	Supports Micro SD slot for local storage (Up to 512G)
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	10400 mAh
Power Consumption	Max.10W
Product Dimensions	166 × 103 × 54 mm
Packaging Dimensions	227 × 167 × 64 mm
Weight	Net Weight: 466g With Package: 822g

In the box

- Camera
- Power Cable
- Drill Template
- Screw Base
- EZVIZ Screw Kit
- Regulatory Information
- Quick Start Guide

Certification

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.

CS-H7c-R100-8G44WF















Smart Wi-Fi Pan & Tilt Camera



Introduction

EZVIZ products have been designed for your entertainment, communication and security. When you install the EZVIZ App on your smartphone or tablet, EZVIZ devices will be connected to the cloud via their QR code and will immediately be online. With EZVIZ you can talk to your loved ones, watch your child's progress when you are away, keep an eye on your home, interact with your four-legged friends and prevent household accidents.

Main Features

- | | |
|--|--|
|  Motorized Pan and Tilt 360° Visual Coverage |  Dual 2K ⁺ Resolution |
|  Fixed Lens: 2.8mm@F1.6, FOV:108° |  Pan & Tilt Lens: 6mm@F1.6, FOV: 60° |
|  Smart Color Night Vision
(Color Vision: 5m, IR Vision: 10m) |  Two-Way Calling with Touch Button |
|  Human Shape Detection |  Human Shape Tracking |
|  Loud Noise Detection |  Patrol Mode |
|  D-WDR |  Sleep Mode |
|  2.4/5GHz Dual Band Wi-Fi 6 |  Supports Micro SD Card (512GB) & EZVIZ Cloud Storage |

Dimension



Specifications

Model	CS-H7c-R100-8G44WF
Camera	
Resolution	Dual 2K+ Resolution
Image sensor	1/3" Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Fixed Lens	2.8mm@F1.6 , view angle: 108°(Diagonal), 92° (Horizontal), 50°(Vertical)
PT Lens	6mm@F1.6 , view angle: 60°(Diagonal), 51° (Horizontal), 28°(Vertical)
Lens Mount	M12
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR
Compression	
Video Compression	H.264/H.265
Video/Audio Bit Rate	Adaptive bit rate.
Image	
Max. Resolution	2560 × 1440
Frame Rate	Max : 30fps; Self-Adaptive during network transmission
Network	
Smart Alarm	Motion Detection, Human Shape Detection, Loud Noise Detection, Patrol Mode Detection
Wi-Fi Pairing	AP paring
Protocol	EZVIZ cloud proprietary protocol
Interface Protocol	EZVIZ cloud proprietary protocol
Interface	
Storage	Micro SD card slot (Max. 512G)
Power	TYPE-C
Wired Network	RJ45 X 1 (10M/100M self-adaptive Ethernet port)
Wi-Fi	
Standard	IEEE802.11a, IEEE802.11b, 802.11g, 802.11n,802.11ac 802.11ax
Frequency Range	2.4GHz: 2.4 GHz ~ 2.4835 GHz 5GHz: 5.15GHz~5.25GHz
Channel Bandwidth	2.4GHz Supports 20MHz 5GHz Supports 80MHz
Security	WPA-PSK, WPA2-PSK, WPA3-Personal
Transmission Rate	2.4GHz Max. Rate Support: 11b_11M, 11g_54M, 11n_MCS7_20M, 11ax_MCS11_20M 5.15-5.25GHz Max. Rate Support: 11a_54M, 11n_MCS7_20-40M, 11ac_MCS9_20-40-80M, 11ax_MCS11_20-40-80M
Output Power (EIRP)	20 dBm
Antenna Gain	2.56dBi@2.48GHz, 3.18dBi@5.22GHz
General	
Operating Conditions	-10°C to 45°C (14°F to 113 °F), Humidity 95% or less (non-condensing)
Power Supply	DC 5V/2A
Power Consumption	8W max
IR Range	MAX. 10 meters(32. 81ft)
Dimensions	88mm x 88mm x 131.5mm (3.46'' x 3.47'' x 4.69'')
Package Dimensions	
Net Weight	254.5g
Bare Weight	