



# C8W Pro **2K**

## Pan & Tilt Wi-Fi Camera

### 360-degree protection with built-in smarts

The C8W Pro 2K elevates the convenience provided by a smart security camera. Thanks to on-device AI, it is able to differentiate people and vehicles from other moving objects, and can automatically lock on and follow human movements to record important moments. Despite complex tracking capability, it provides easy control to auto-resume its pre-set viewing angle through one click. Use it to watch over your home entrance or backyard, for 24/7 all-round protection with 2K clarity.



2K Resolution



360° Panoramic Coverage



AI-Powered Human / Vehicle Shape Detection



Auto-Tracking



One-Click Return to Pre-Set Directions



Color Night Vision



Two-Way Talk



Active Defense with Siren and Strobe Light



Weatherproof Design



Supports MicroSD Card<sup>1</sup>  
(Up to 256 GB)

# 360° vision in 2K, means no grey areas in protection

The camera's pan-and-tilt design and 2K resolution works in tandem to give you the complete picture with stunning details. Just one single C8W Pro will do the job of keeping an eye on your running dog in the garden or a delivery person heading to your front door.

See in 360°


**340°**  
Horizontal


**80°**  
Vertical



## On-device AI for smarter detection

The camera's on-board AI algorithm helps it identify moving people and vehicles in particular. It reduces alerts caused by falling leaves or flying insects, and informs you when someone parks in your property area without permission.

 AI-Powered Human / Vehicle Shape Detection

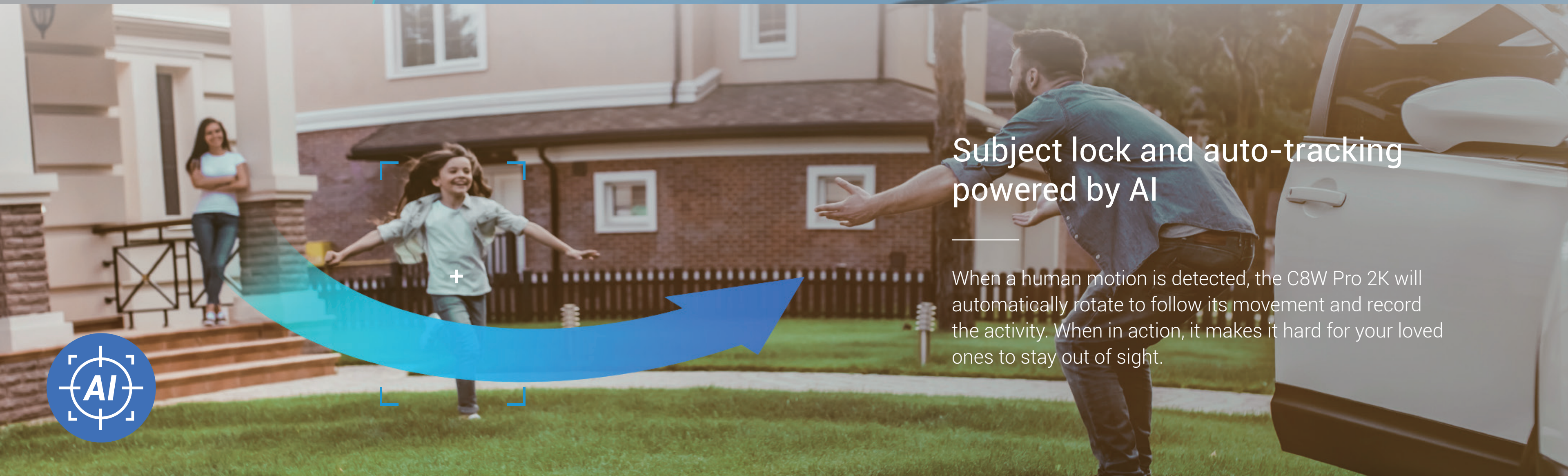
 Customizable Detection Zone

 No Subscription Fee



## Subject lock and auto-tracking powered by AI

When a human motion is detected, the C8W Pro 2K will automatically rotate to follow its movement and record the activity. When in action, it makes it hard for your loved ones to stay out of sight.





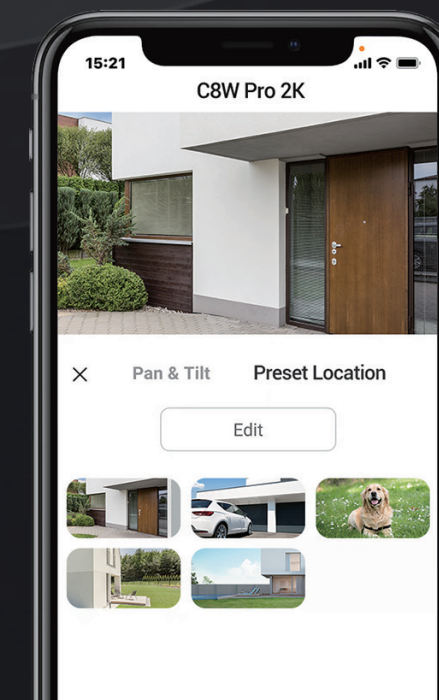
Front Door



Front Yard



Garage

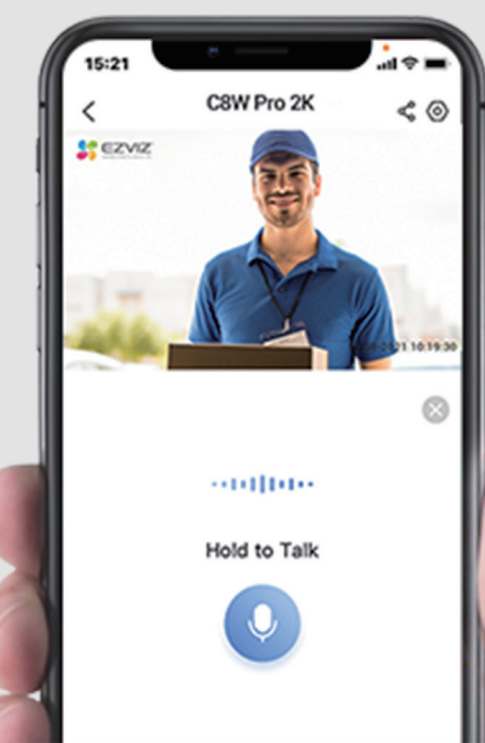


## Pin down the spots that matter to you most

No matter how complicated the tracking is, the camera always knows it's way back to your preferred viewing angle. You can pinpoint up to 12 angles via the EZVIZ App. Just click on your pre-set dots and the camera will automatically resume its place.

## See, hear and talk, from anywhere

With the C8W Pro 2K, you can hear and talk to your family, welcome visitors, or turn away uninvited guests by simply using your smartphone.



# Three night vision modes are available to meet any need

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## 01 Full-color night vision

Your night vision is now lit up and vividly restored to full-color thanks to two built-in spotlights and professional optical lenses.



## 02 Black-and-white night vision

If you don't need extra lighting, just switch the camera to the black & white night vision via the EZVIZ App and still see 30 meters (100 ft.) away.



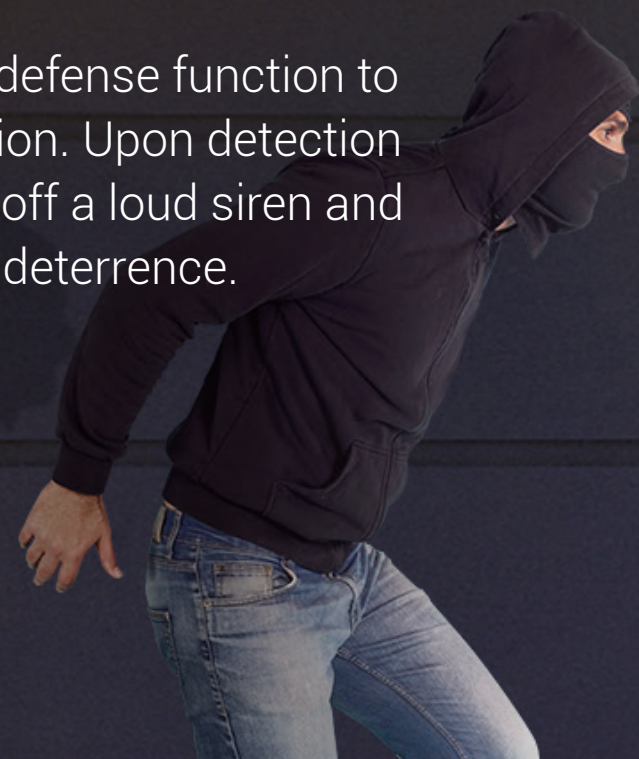
## 03 Smart night vision

In this mode, the C8W Pro 2K will automatically switch from black-and-white monitoring to color monitoring, turning on the spotlights when it detects human movement. The alert video will be recorded in full-color, so you get all the details needed. Now that's pretty smart!

## Actively guards your home

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The camera features the active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will set off a loud siren and flash two spotlights<sup>2</sup> for on-site deterrence.



## Elegant and durable design

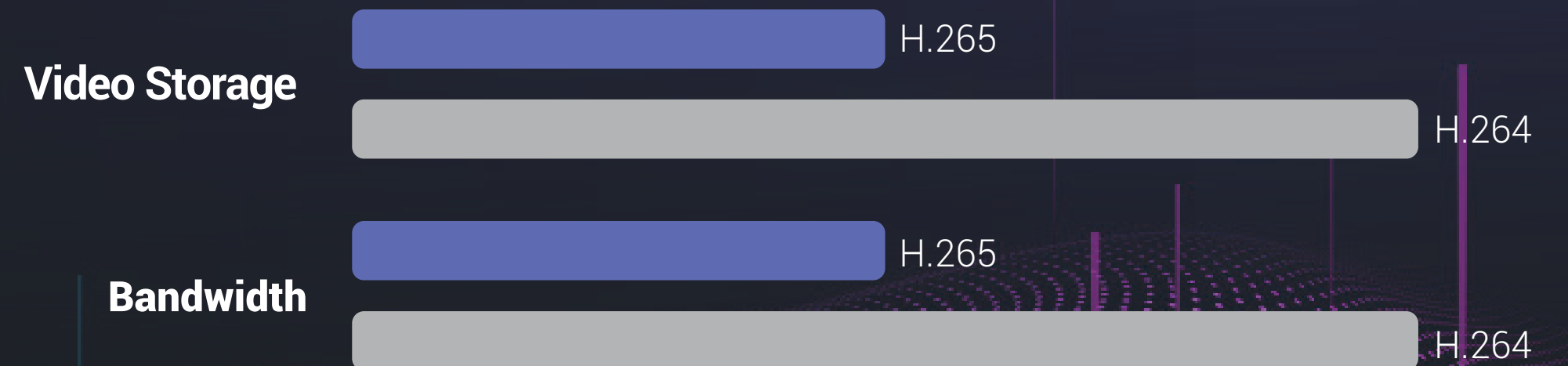
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Say goodbye to the bulkiness. With its pleasant appearance, the C8W Pro 2K can fit in any household perfectly. It's also weatherproof to deliver long-standing performance, even in tough weather conditions.



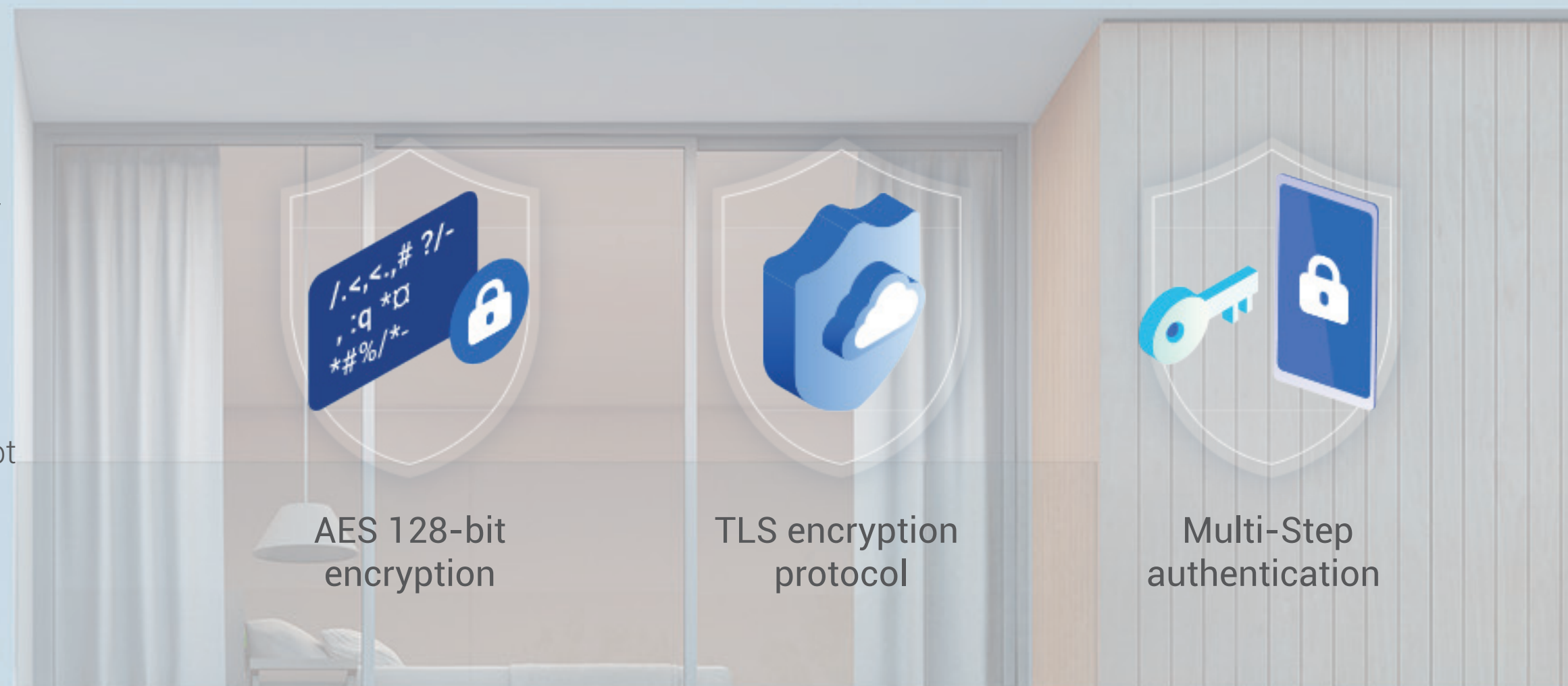
## It saves money on storage and bandwidth

The camera features the advanced H.265 video compression technology, achieving better video quality with only half the bandwidth and half the storage space required by the previous H.264 video compression standard<sup>3</sup>.



## We protect your data and privacy

Protecting your data and privacy is our highest priority. Data transmission between the camera and the EZVIZ Cloud is encrypted from end to end. Only you have the keys to decrypt your data.



## Large, safe storage options that you can trust

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You can secure your recorded videos on a local microSD card of up to 256 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted, unlimited cloud storage.



Supports MicroSD Card<sup>1</sup>



Supports EZVIZ CloudPlay Storage<sup>4</sup>

<sup>1</sup> A local storage card must be purchased separately.

<sup>2</sup> The spotlights will not flash when the color night vision mode is enabled.

<sup>3</sup> Data from EZVIZ Lab's test results under standard conditions. Will vary with the frequency and complexity of the activity captured, and other environmental factors.

<sup>4</sup> The cloud storage service is only available in certain markets. Please verify the availability before making a purchase.



# Specifications CS-C8W-A0-1H3WKFL

## Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	Self-Adaptive shutter
Lens	4mm@ F1.6, viewing angle:87° (Horizontal), 105°(Diagonal) 6mm@ F1.6, viewing angle: 55° (Horizontal), 66°(Diagonal)
PT Angle	Pan: 340°, Tilt: 80°
Minimum Illumination	0.5 Lux @ (F1.6, AGC ON), 0 Lux with IR (Data is obtained from EZVIZ laboratories)
Lens Mount	M12
Day & Night	IR-Cut filter with auto-switching
DNR	3D DNR
WDR	Digital WDR
Night Vision Distance	Up to 98 ft / 30 m

## Video & Audio

Max. Resolution	2K
Frame Rate	Max: 30fps; Self-Adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main Profile
Video Bit Rate	Ultra-HD; Hi-Def; Standard. Adaptive bit rate.
Audio Bit Rate	Self-Adaptive
Max. Bitrate	2 Mbps

## Network

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	WPA-PSK / WPA2-PSK
Transmission Rate	11b: 11 Mbps,11g: 54 Mbps,11n: 72 Mbps
Wi-Fi Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1 (10M / 100M Adaptive Ethernet Port)

## Storage

Local Storage	Supports microSD card (Up to 256 GB)
Cloud Storage	Supports EZVIZ CloudPlay storage (Subscription required)

## Function

Smart Alarm	AI-Powered Human / Vehicle Shape Detection
Auto Tracking	Supports
Customized Alert Area	Supports
Two-way Talk	Supports
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark

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## General


Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
IP Grade	Weatherproof Design
Power Supply	DC 12V / 1A
Power Consumption	MAX. 6W
Dimensions	112 × 171 × 156 mm (4.41 × 6.73 × 6.15 inch)
Packaging Dimensions	187 × 174 × 186 mm (7.36 × 6.85 × 7.34 inch)
Weight	Product: 605 g (21.34 oz) With package: 992 g (34.99 oz)

## In the box

- C8W Pro 2K Camera
- Power Adapter
- Screw Kit
- Waterproof Kit
- Drilling Template
- Regulatory Information
- Quick Start Guide

## Certifications:

UL / FCC / CE / WEEE / REACH / RoHS / UKCA

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<https://www.ezvizlife.com/>