EZVIZ

H9c Dual 4G

3K & 3K

Dual-Lens Pan & Tilt 4G & Wi-Fi Camera

BIG INNOVATION 2026

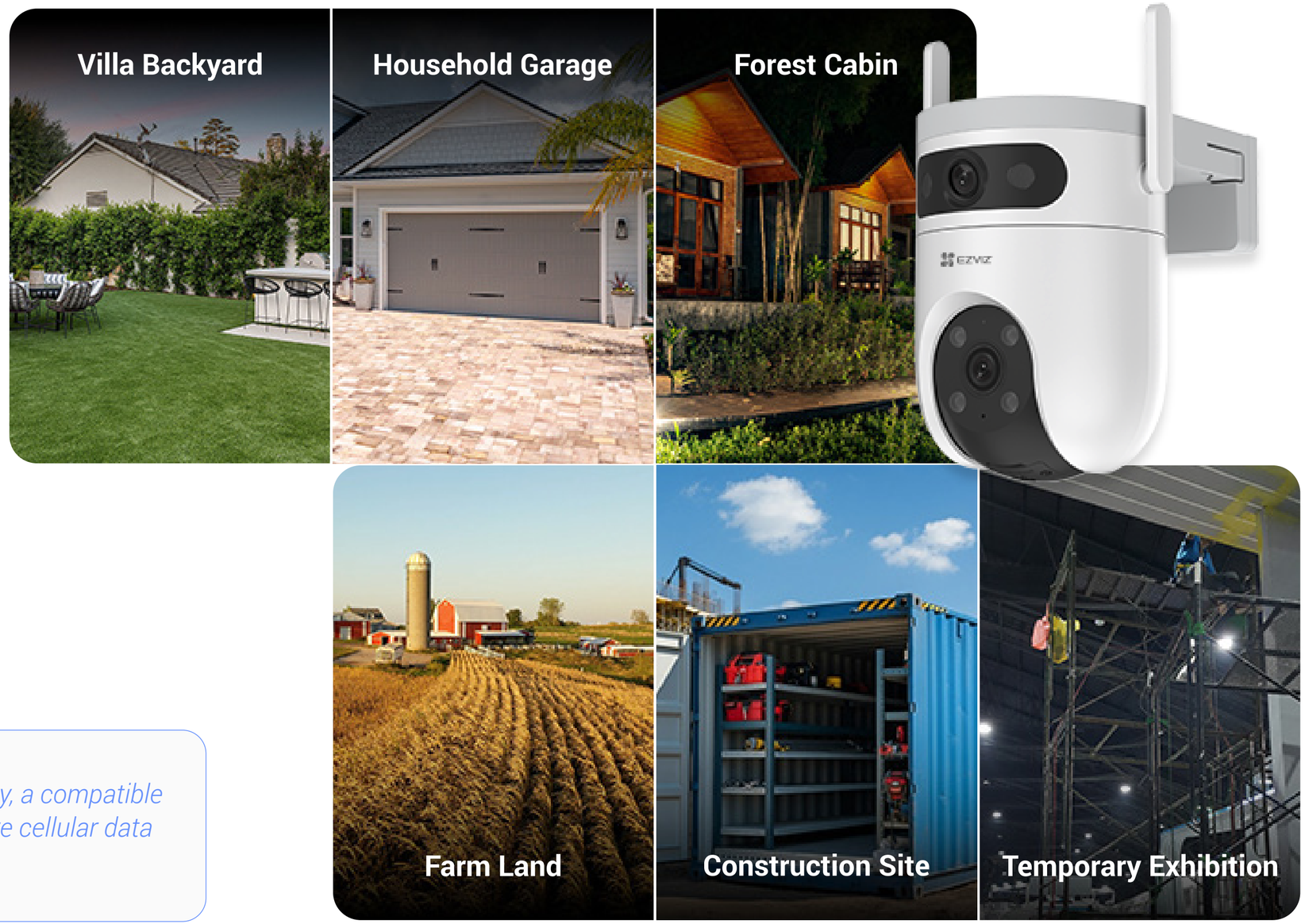
Built to last, 4G with no break in protection

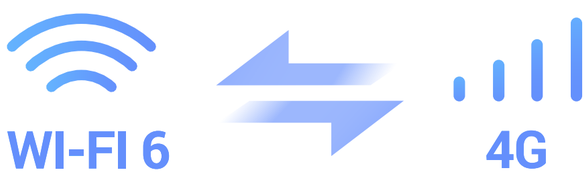
With its powerful dual-lens design and support for 4G and Wi-Fi, the H9c Dual 4G keeps you connected to what you care most, ensuring that no detail slips past your watchful eye. Equipped with smart, free AI features, it precisely detects humans and vehicles and automatically tracks every movement. Whether installed in remote areas or busy residential communities, this camera elevates outdoor security to a worry-free and reliable level of protection.

- Dual Connectivity with 4G and Wi-Fi 6
- 3K & 3K Dual Lenses
- Co-Detection for Auto Smart Tracking
- One-Tap Control for Linked View Change
- AI-Powered Human / Vehicle Shape Detection
- Active Defense with Siren & Strobe Light
- Color Night Vision[1]
- Two-Way Talk
- Two Patrol Modes for Auto-Security
- Enhanced Saving Mode for All-Day Recording
- Weatherproof Design
- H.265 Video Compression
- 360° Panoramic Coverage
- Easy Installation[2]
- Smart Integration with Google Assistant & Amazon Alexa[3]
- Supports MicroSD Cards (up to 512 GB) & EZVIZ CloudPlay Storage[4]

Dual connectivity, double the reassurance

Concerned about potential recording interruptions caused by unstable Wi-Fi connections? The camera knows the drill. It automatically switches to 4G the moment the Wi-Fi falters, capturing every vital detail for you, no matter how remote or challenging the location.





Nano SIM Card

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

3K plus dual-lens, means unmatched visuals

The advanced dual-lens setup combines a sharp 3K wide-angle lens for full-scene coverage and a high-resolution telephoto pan-and-tilt lens for detailed close-ups. Together, they give you a complete view, from the big picture to the finest detail, all in one smart camera.

2.8mm Wide-Angle Lens

Manually-Adjustable 240° Horizontal Rotation and 15° Preset Fixed Tilt Angle for Glare-Free Viewing

6mm Telephoto Lens

Motorized Pan & Tilt for 360° View

Double lenses secure more than double peace of mind

The H9c Dual 4G offers versatile monitoring with two lenses that adapt to your needs. You can have both lenses focus on the same spot for detailed viewing or angle them separately to cover two different areas at once.

Dual lenses to see wide and clear

Dual lenses to see back and front

Co-action technology ready for a complex activity

Unlike most dual-lens cameras in the market that only stitch the views of two lenses, the H9c Dual 4G is smart enough to complete a complicated detection activity by involving two lenses at the same time.

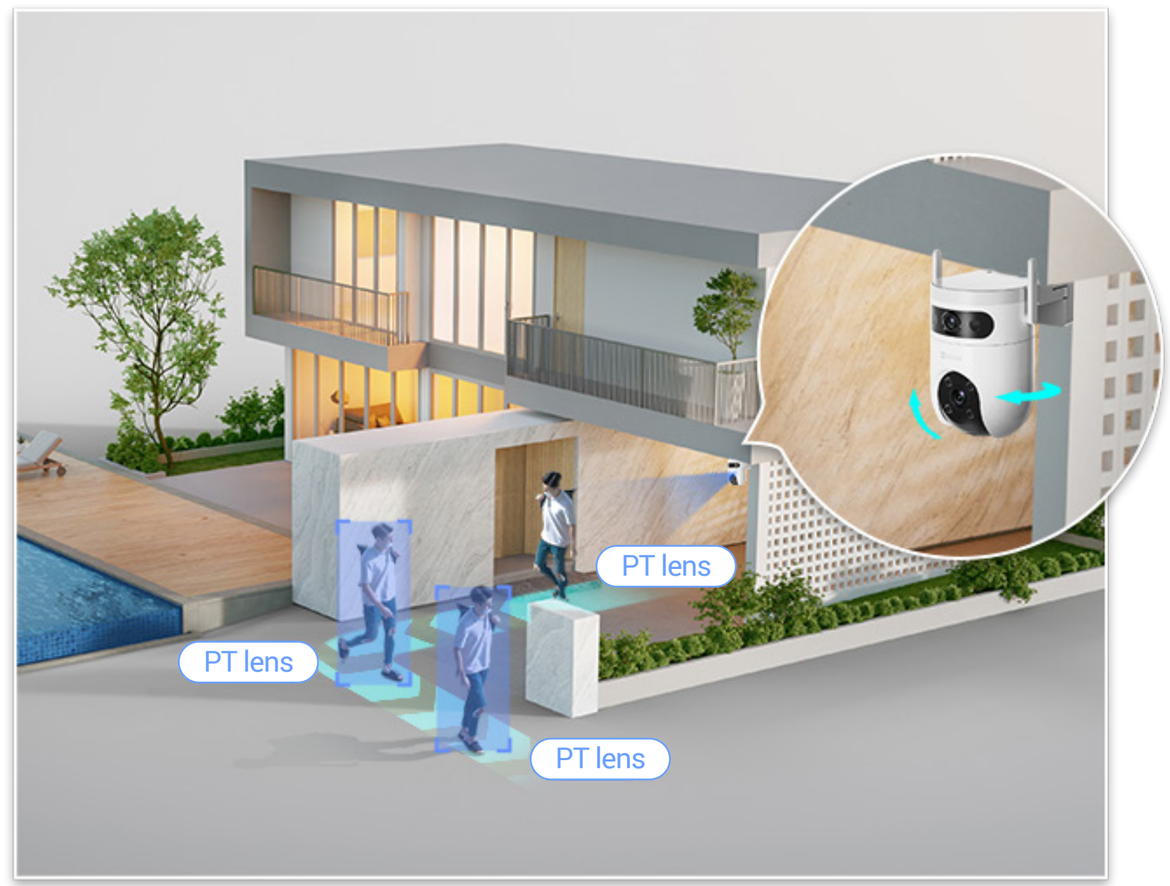
Step 1

The top lens detects a moving person in its view

Step 2

The bottom lens rotates and follows the moving person

(The bottom lens is also capable of tracking objects that it detects.)



Smarter alerts on the comes and goes

In addition to capturing human activities with a wealth of information, the H9c Dual 4G recognizes the shape of a car from other moving objects. If your family member pulls up in front of your driveway or someone parks in your detected area, you will be notified immediately.

- AI-Powered Human Shape Detection (On both lenses)
- AI-Powered Vehicle Shape Detection (On both lenses)
- FREE No Subscription Fee

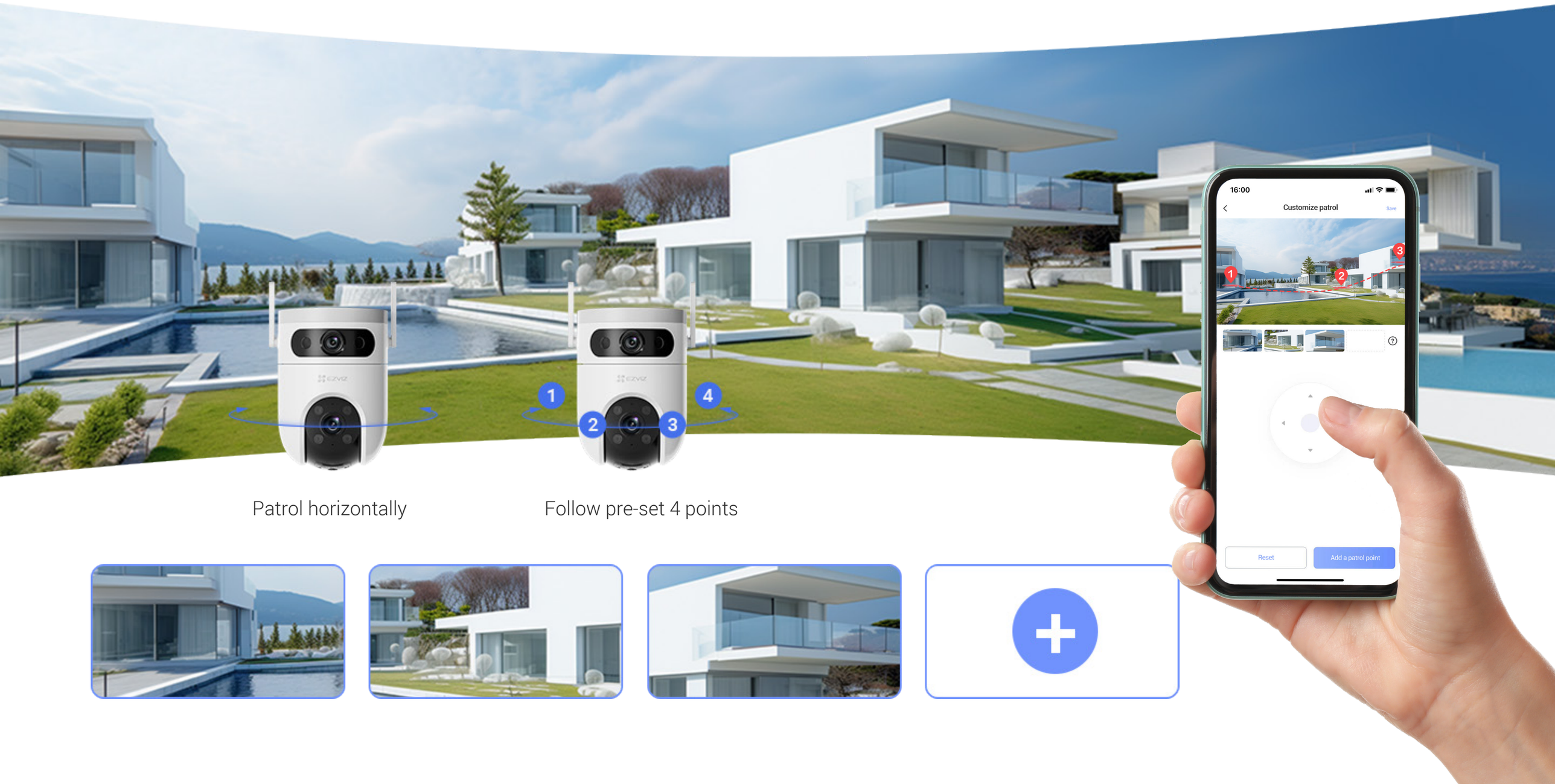
Click to check, with both wide and close-up views

Understand the whole, big picture while paying attention to the important details, by using the EZVIZ App. You can tap the area of interest on the wide-angle viewing box, so a close-up view will be shown on the side at the same time.

F/2.8mm Wide-angle View | *F/6mm Close-up View* | *F/6mm Digital Zoom*

Or, let the H9c Dual 4G patrol smartly, so you don't have to

On set time intervals, the lower lens can complete rotational check-ups to eliminate blind spots. You can customize patrol routes for tailored focuses, or simply ask it to complete a full-circle spin.



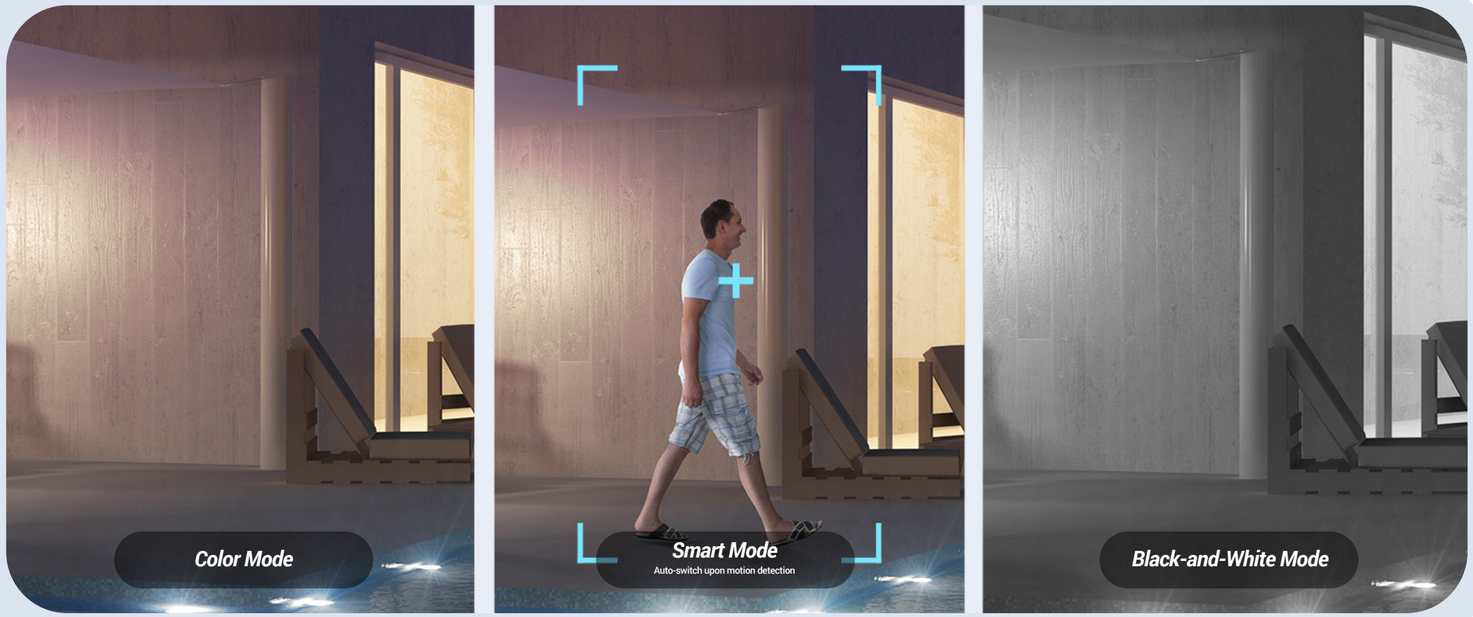
Patrol horizontally

Follow pre-set 4 points

Designed to make protection last all night

Impressive, far-reaching color night vision[1], with 4 built-in spotlights

Three useful night vision modes will suit any need



Smartly saves space without missing any moment

With EZVIZ's enhanced saving mode with all-day recording, the camera captures just 1 frame per second during quiet moments to conserve storage. When an event is detected, it automatically switches to high-frame-rate recording for smooth, detailed videos.

More than
event-only recording

Less than
24/7 storage

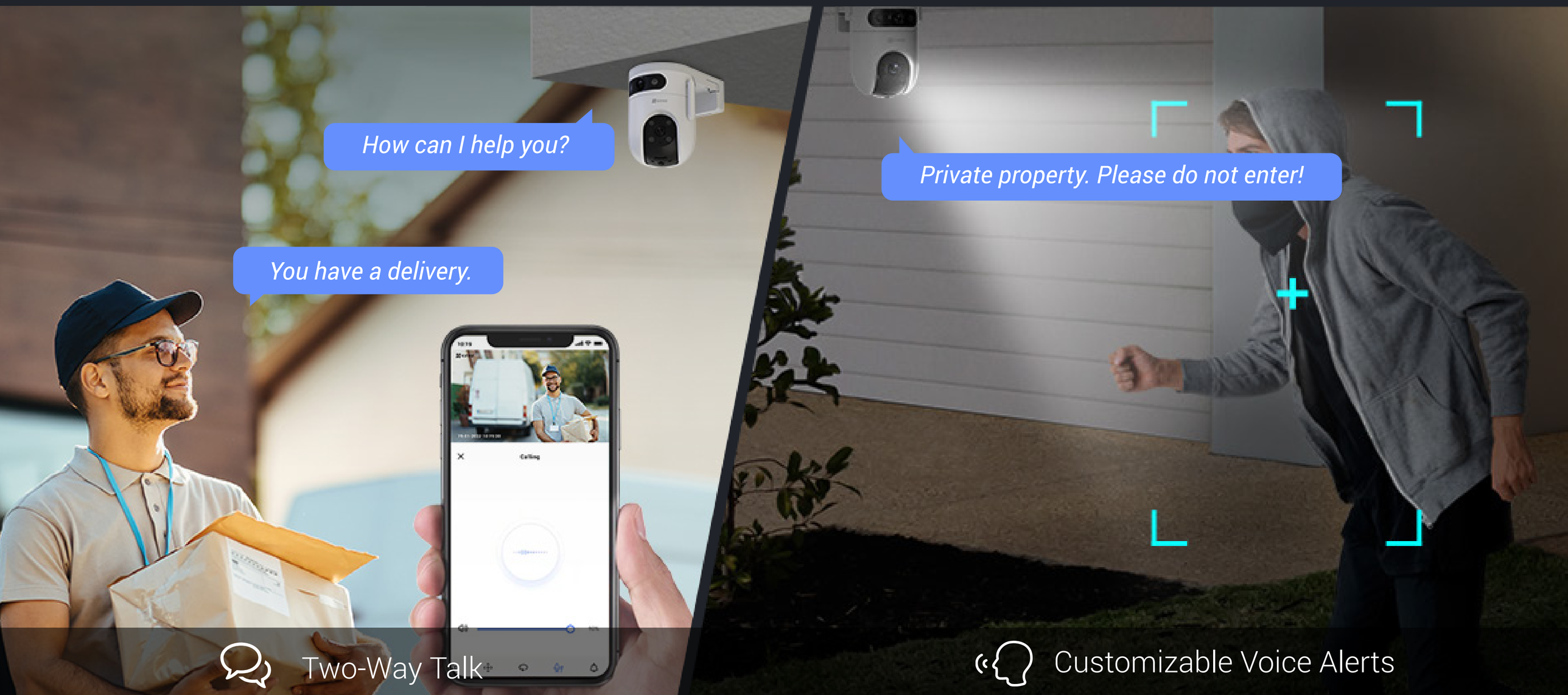
1 FPS
NO EVENT

Self-Adaptive FPS
EVENT DETECTED

1 FPS
NO EVENT

Communications can be this easy

Enjoy two-way audio by simply using your smartphone. Or, pre-record a 10-second voice message that automatically plays upon human motion detection.

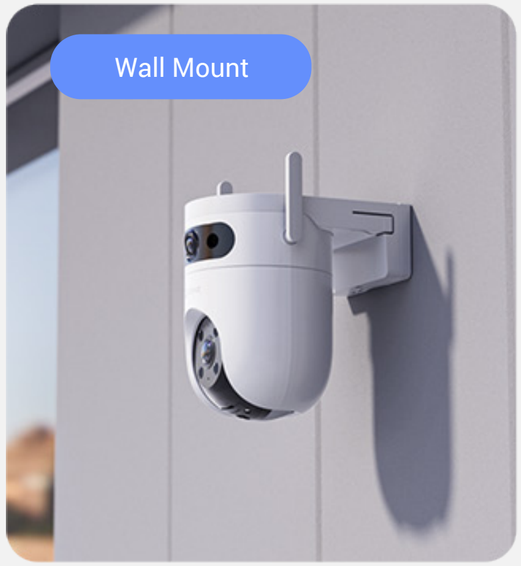


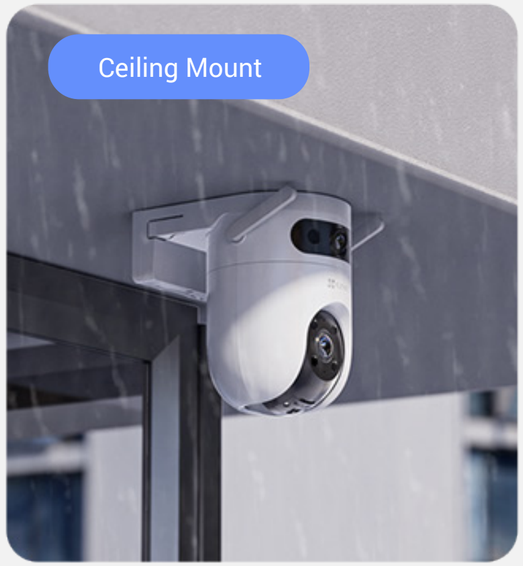
Two-Way Talk

Customizable Voice Alerts

A vigilant guard who works around the clock

The H9c Dual 4G integrates EZVIZ's beloved active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will set off a loud siren and flash spotlights to warn them away.





A durable design with versatile setups

Designed to satisfy security demands under various scenarios, the H9c Dual 4G can easily find its best location to deliver steady, reliable performance even in rain or snow.

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.[5]

Dual storage options for important moments

The camera automatically saves detection-triggered history videos. You can choose to secure them on a large local storage card, or simply by subscribing to the EZVIZ CloudPlay.[4]

Smart integration for hands-free control

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]

A neat design against all weathers

The H9c Dual 4G has a compact design, and is weatherproof to deliver long-standing performance, even in harsh weather conditions.

More convenience for various needs

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 If the two lenses point in the same direction, the maximum color night vision range is 40 meters. If this is not the case, the maximum distance is 30 meters, based on EZVIZ Lab test results under standard conditions.

2 To ensure the best viewing experience, it is recommended to install the mounting bracket at a height of approximately 2.5 to 3 meters above the ground.

3 Google Assistant and Amazon Alexa are not available in some languages and countries.

4 A local storage card must be purchased separately. Cloud storage service is only available in certain markets. Please verify the availability before making any purchase.

5 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, as well as other environmental factors.

Specifications CS-H9c-R105-8H55WFL4GA

Camera

Image Sensor	1/3” Progressive Scan CMOS
Shutter Speed	Self-adaptive shutter
Lens	Top Lens: 2.8mm@ F1.6, viewing angle: Diagonal 110°, Horizontal 96°, Vertical 54° Bottom Lens: 6mm@F1.6, viewing angle: Diagonal 60°, Horizontal 52°, Vertical 28°
PT Angle	Top Lens:0~240°Pan (Manual adjustment) &15° Preset Fixed Tilt Angle Bottom Lens: Pan: 350°, 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 switch
DNR	3D DNR
WDR	Digital WDR
Color Night Vision	Up to 40 m
Black & White Night Vision	30 m / 98 ft

Video & Audio

Max. Resolution	3K (2880 × 1620)
Frame Rate	Self-adaptive during network transmission
Video Compression	H.265 / H.264
H.265 Type	Main profile
Video Bit Rate	Ultra-HD; Full HD; Standard; Adaptive bit rate
Audio Bit Rate	Self-adaptive

Network

Wi-Fi Standard	IEEE802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11ax
Frequency Range	2.4 GHz ~ 2.4835 GHz, 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz-5725MHz
Channel Bandwidth	Support 20MHz@2.4G, Support 20/40/80MHz@5G
Security	WPA-PSK / WPA2-PSK
Transmission Rate	1b: 11Mbps, 11a/g: 54Mbps, 11n: 150Mbps, 11ac: 433Mbps, 11ax: 600Mbps
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wired Network	RJ45 × 1 (10M / 100M Adaptive Ethernet Port)
4G Frequency Bands	EU LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LA LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66

Function

Smart Alarm	AI-powered human / vehicle shape detection, motion detection
PT Function	Co-detection for auto tracking / One-tap control for linked view change / preset points / patrol mode
Customized Alert Area	Supports
Two-Way Talk	Supports
Preset Locations	Supports
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark

Specifications CS-H9c-R105-8H55WFL4GA

Storage

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

General

Operating Conditions	-30°C to 50°C (-22°F to 122 °F) humidity 95% or less (non-condensing)
IP Grade	Weatherproof design
Power Supply	DC 12 V / 1.5 A
Power Consumption	Max. 18 W
Dimensions	147 × 116 × 142 mm (5.71 × 4.57 × 5.59 inch)
Packaging Dimensions	150 × 150 × 194 mm (5.90 × 5.90 × 7.64 inch)
Weight	Net weight: 627.3 g With package: 970.4 g

In the box

- H9c Dual 4G Camera
- Drilling Template
- Screw Kit
- Waterproof Kit
- Power Adapter
- Regulatory Information × 2
- Quick Start Guide

Certifications

CE / UL / WEEE / RoHS / REACH

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