EZVIZ

Type-C

H7c Dual 2K+ & 2K+

Dual-Lens Pan & Tilt Wi-Fi Camera

Broader and smarter protection with dual lenses

Experience unparalleled indoor vision with the EZVIZ H7c Dual. Using two powerful lenses to ensures comprehensive coverage from top to bottom, the camera provides whole-room protection like never before. Equipped with human motion detection, two-way calling, and crystal-clear day/night vision, it keeps you connected to your home from anywhere, and doubles up your sense of safety with much more flexible features.

- 2K+ & 2K+ Dual Lenses
- Panoramic View
- Smart Color Night Vision
- Two-Way Calling with Touch Button
- AI-Powered Human Shape Detection
- Loud Noise Detection
- Co-Detection for Auto Smart Tracking
- One-Tap Control for Linked View Change
- Two Patrol Modes for Auto-Security
- Sleep Mode for Privacy Protection
- Supports Dual-Band Wi-Fi 6 (2.4 / 5 GHz)[1]
- Smart Integration with Google Assistant & Amazon Alexa[2]
- Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage[3]
- H.265 Video Technology[4]

Dual lenses. Double protection.

With EZVIZ's unique dual-lens technology, the H7c Dual provides next-level protection that's usually achieved through a multi-camera setup. It uses a fixed lens and a main pan-and-tilt lens at the same time – the duo works independently or together in a way that is much smarter than your ordinary camera.

2K+ Pan-and-Tilt Lens
Rotational view for the whole picture

2K+ Wide-Angle Lens
Fixed view for the main area

01
See much more for whole-home protection

The H7c Dual captures information that's more than double of your old home camera. It uses a motorized pan and tilt camera to monitor a large interior space with almost no blind spots, and ensure that you always keep the key area under continuous watch with a fixed view, too.

02
Work together for a single detection task

The two lenses respond to each other to provide a protection that makes it much more difficult for anyone to move out of sight. When a person enters the zone watched by the fixed lens, the PT lens will automatically rotate to such viewing angle to lock on the person, follow to record the entire event, and send notifications with video footages.

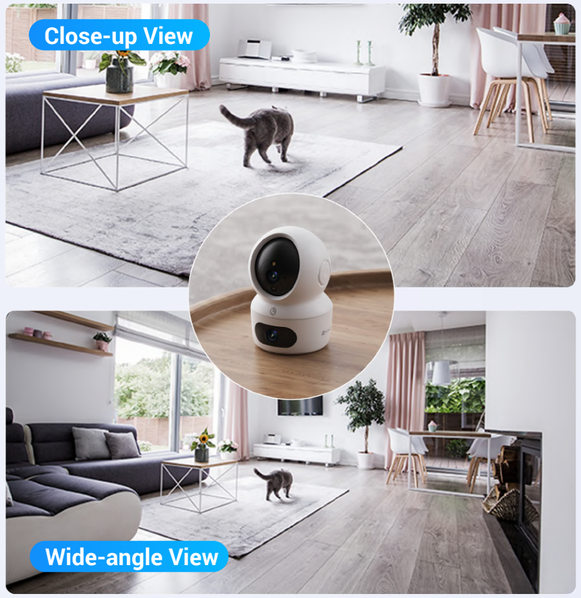
Step 1

The bottom lens
detects a moving person

Step 2

The top lens
rotates in 360° and follows the moving person

- ***For Homes***



- ***For Stores***

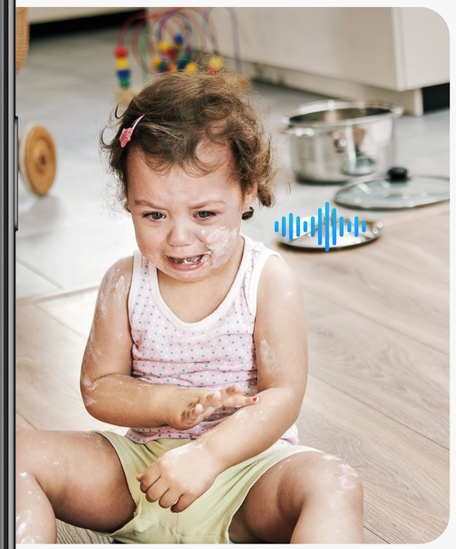
03
Big picture and small details both matter

The camera allows you to understand the whole picture while paying attention to the important details. Both wide-angle and close-up views are displayed simultaneously on your EZVIZ App. Tap on a specific area in the wide-angle viewing box so that a close-up shot will render much more details for you to double check.

Smarter detection for activities you care about

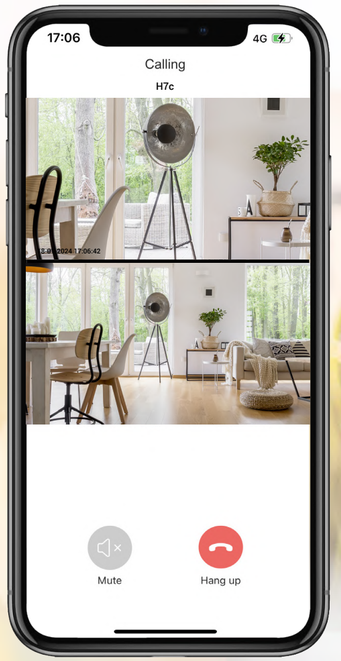
A lot of activities go on inside your home, but you don't want to get constantly alerted when your curtains flutter in the wind. The H7c Dual is smart enough to notice human activities in particular and can capture sudden sound changes in the environment – all without additional fees to unlock.

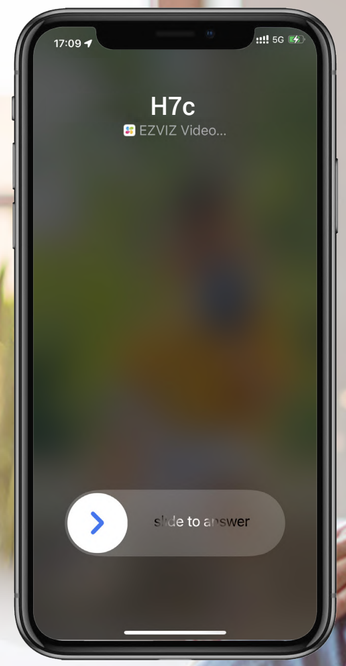
- Motion Detection
- AI-Powered Human Shape Detection
- Loud Noise Detection
- Customizable Voice Notification
- FREE No Subscription Required



Love continues, regardless of distance

Staying connected with your family is always a necessity. A simple tap on the camera is all it takes for your children or elderly parents to reach you.



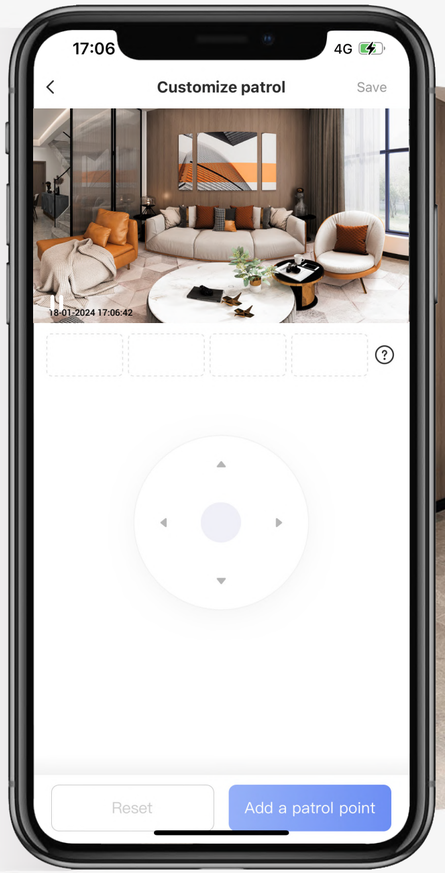


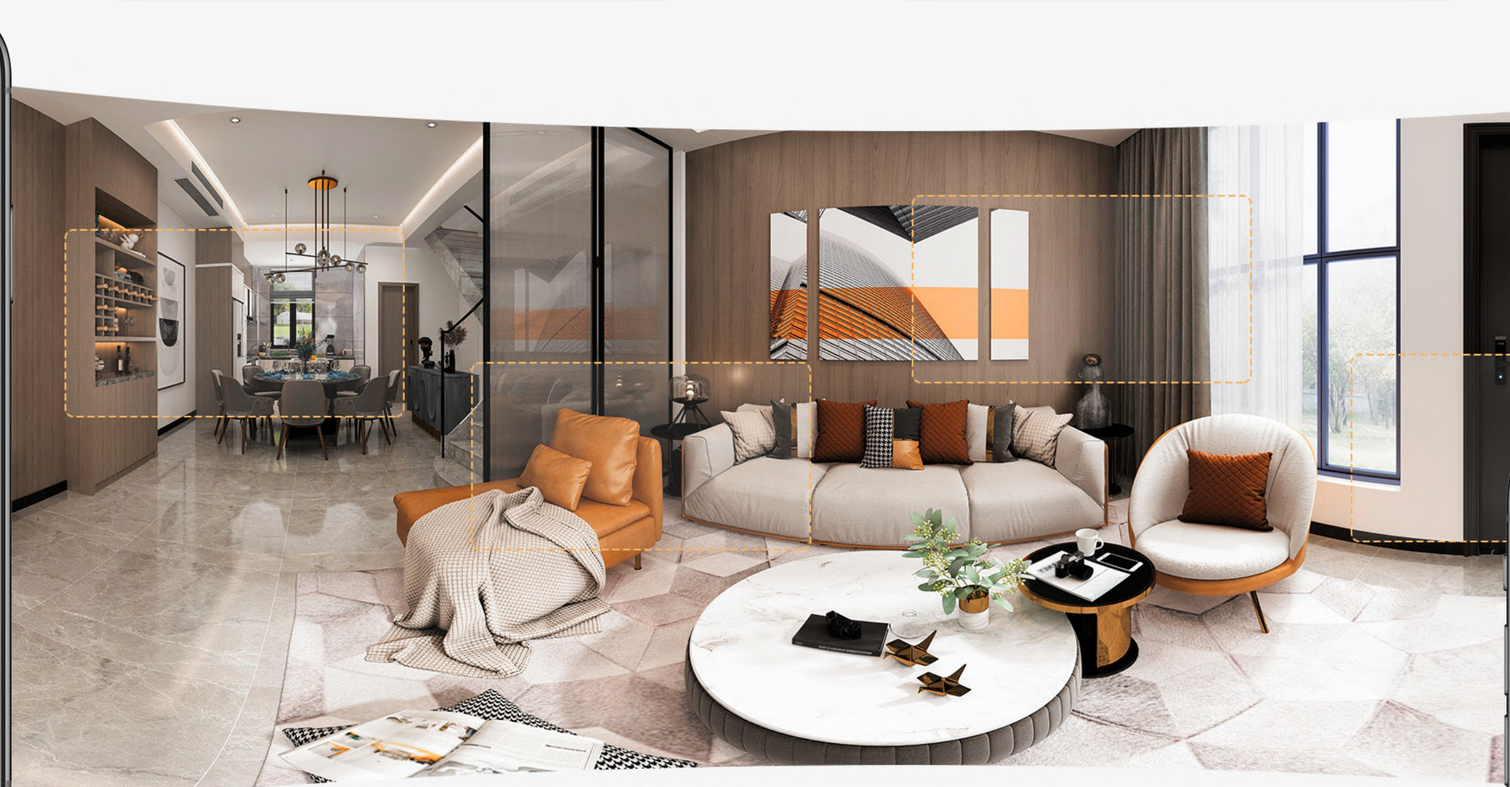
Hands-free and worry-free, with customized auto patrols

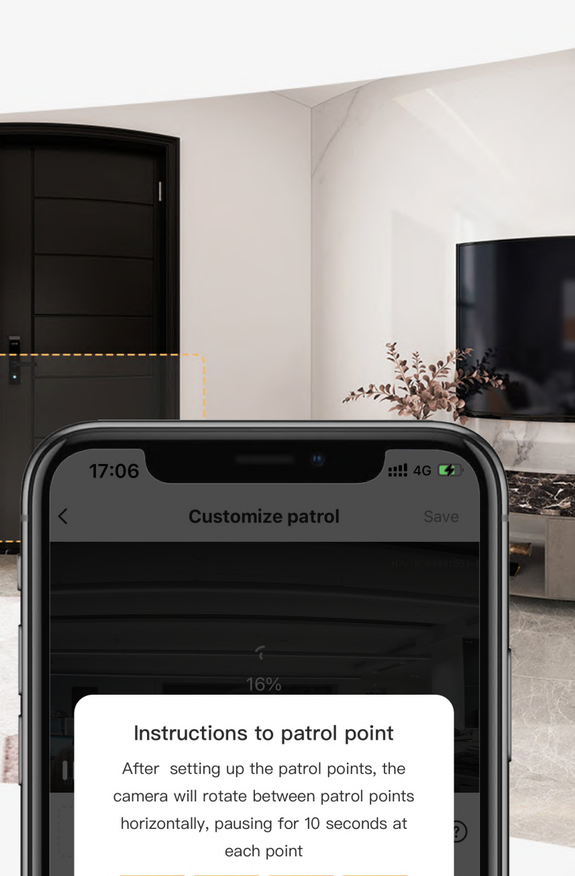
On set time intervals, the PT lens can automatically complete check-ups to eliminate blind spots.
You can customize patrol routes flexibly for tailored focuses, or simply ask it to complete a full-circle horizontal spin.

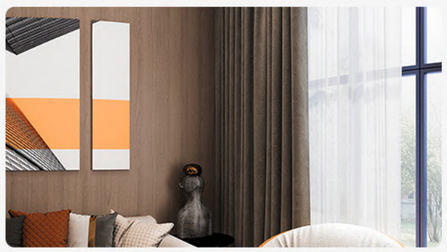
Spin 360° horizontally

Follow pre-set 4 points









Multiple ways for easy pairing

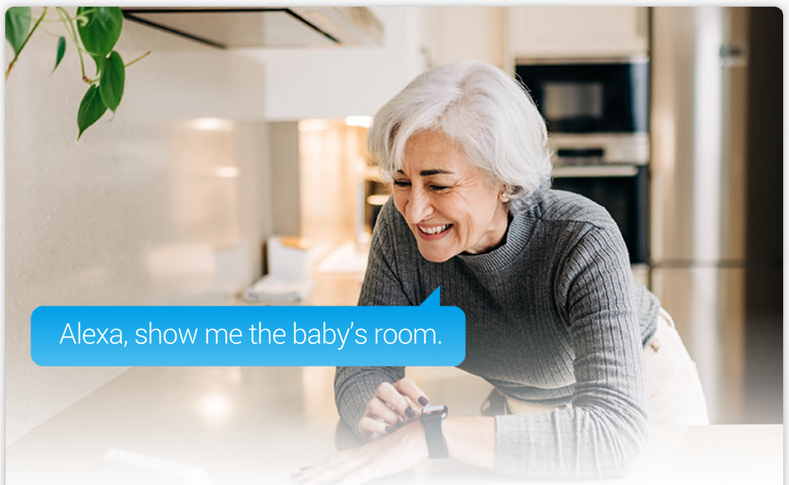
With the exclusive Bluetooth configuration, you can effortlessly pair devices and set up even when connectivity is challenging.

Stay in touch with two-way talk

You can easily engage in real-time conversations with your loved ones even from afar. The H7c Dual provides high-quality two-way audio.

Connection for boosted performance

Set up the camera network, either wired or wirelessly. You can connect the camera to either 2.4 or 5 GHz band to ensure a strong Wi-Fi signal.[1]

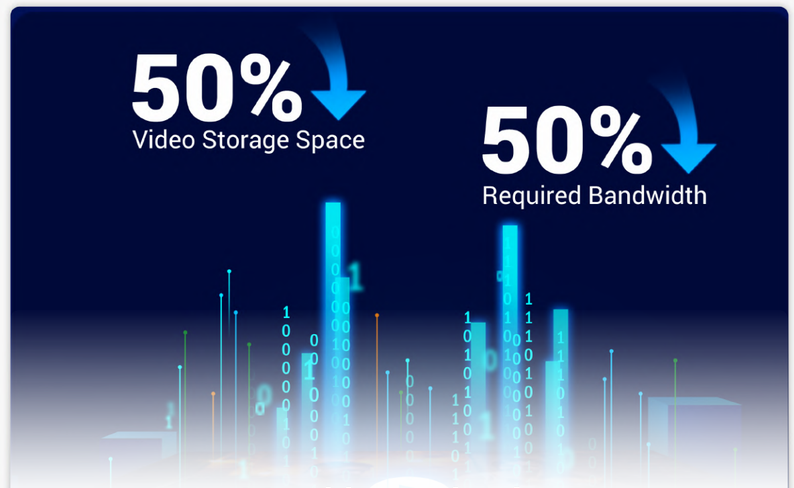


Hands-free control

With integration to your voice assistants, you can pull up the video feed by simply saying “Alexa” or “Hey Google.”[2]

Dual video storage options

Capture and secure important moments or unforgettable memories on a large 512GB microSD card, or by subscribing to the EZVIZ CloudPlay.[3]

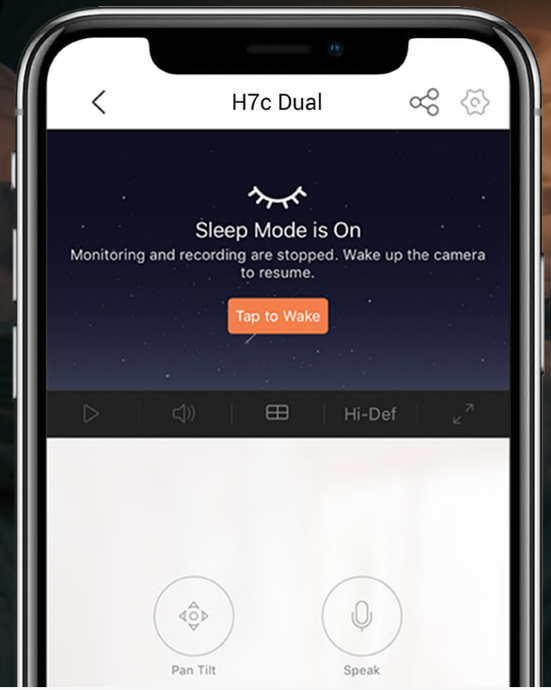


H.265 video technology

The H.265 creates a smoother viewing experience while only using about 50% of the data storage space required by other cameras applying the H.264.[4]

We do our utmost to protect your data and privacy

EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.



AES-128
Data Encryption

TLS
Data Transmission Encryption

Overnight protection in vivid colors

The H7c Dual uses starlight lenses to render high-quality colorful images even in low light conditions. Furthermore, it uses a built-in spotlight to deliver color night vision in complete darkness.

When the smart night vision mode is activated, it will automatically switch its view from black-and-white to full-color upon motion detection.

01 | Black-and-White Vision Mode

02 | Smart Color Night Vision Mode

1 You will need to choose the Wi-Fi frequency band during the device setup process. Once the choice is made, you will not be able to change it to another frequency band.

2 Google Assistant is not available in certain language and countries.

3 Local storage cards must be purchased separately. The cloud storage service is only available in certain markets. Please verify availability before making a purchase.

4 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-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.

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

Image

Max. Resolution	2560 × 1440
Frame Rate	Max:30fps; Self-Adaptive during network transmission

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

Specifications CS-H7c-R100-8G44WF

General

Operation Conditions	-10°C to 45°C (14°F to 113 °F), Humidity 95% or less
Power Supply	DC 5V / 2A
Power Consumption	8W max
IR Range	MAX. 10 meters (32.81ft)
Dimensions	88 × 88 × 131.5 mm (3.46 × 3.47 ×4.69 in)
Package Dimensions	200 ×105 ×105 mm (7.87 × 4.13 × 4.13 in)
Net Weight	270 g (9.52 oz)
Bare Weight	499 g (17.60 oz)

In the box

- Camera (x1)
- Power Adapter (x1)
- Power Cable (x1)
- Drill Template (x1)
- Mounting Plate (x1)
- Screw Kit (x1)
- Regulatory Information (x1)
- Quick Start Guide (x1)

Certifications

CE / UKCA / WEEE / RoHS / REACH / UL

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