



EP3x Pro + CH1

Battery-Powered Video Doorbell Kit

Hear what matters with double protection at doorway

Your front door security is now both visible and audible with the powerful EP3x Pro and CH1 kit. With the included chime, you'll be able to hear clearly whenever someone approaches your door. The smart video doorbell enhances your home's safety with a 2K main camera on top and an additional bottom camera, allowing you to monitor a larger area. You can detect visitors and keep track of your packages thanks to the free, built-in 32GB eMMC storage. The included solar panel ensures your smart guardian operates continuously with non-stop green energy.



EP3x Pro



2K & 1080p
Dual Lenses



Smart Human
Motion Detection



Package
Detection



Free 32 GB
eMMC Storage



Solar Panel
Included¹



Color
Night Vision²



Two-Way
Talk



Voice Changer For
Privacy Protection



Anti-Tamper
Alarm



No-Filming
Privacy Zones



Weatherproof
Design



Smart Integration
with Google Assistant
& Amazon Alexa³

CH1



Built-In Loud Siren



Supports
2.4 GHz Wi-Fi



20 Notification
Ringtones



Dual Antennas



100-240V AC
Power Supply



Simple Plug-In
Installation



Compact Design



Dual cameras to complete your view

The EP3x Pro stitches views together to help you see much more. Its 2K forward-facing lens captures approaching people and the environment wide and clear, while the 1080p downward-facing lens allows you to check the ground for packages, where other cameras usually can't see.

A smart doorkeeper that knows what's important

The EP3x Pro detects people other than wandering animals, and you instantly get notified even before people knock. It detects packages, too. So you won't miss a long-expected delivery, or have it taken away by somebody else without knowing.



Smart Human Motion Detection



Package Detection

FREE

No Subscription Fee





2K clarity and color night vision

See who's at the door vividly in 2K video, even if you don't have proper front-door lighting available and it's totally dark outside. The EP3x Pro uses a built-in LED to brighten up your hallway and render colorful night vision².



A truly easy kit that goes solar style

The battery-powered EP3x Pro can stick itself to any front door where electricity wiring isn't planned, and run on green power by using the included solar panel. What's better? It preserves the option to go hardwired if you live in a cloudy region.



Save valuable moments at zero cost

You don't need to pay for storage cards or subscription plans before the camera starts saving video clips. The EP3x Pro is embedded with 32 GB eMMC storage capacity – which means it can store up to 6 months of video history if it records 10 minutes of activities every day.



Free
32GB eMMC Storage



Supports extended storage
with EZVIZ CloudPlay⁴

Steady performance outside your house

The EP3x Pro is readily made to endure the outdoor weather. Additionally, it can make the most of the battery and stay steadily connected to your home internet, thanks to the low-power Wi-Fi protocol.



Hear the ring from the inside

For large houses, it is recommended to pair the EP3x Pro with its best companion, the EZVIZ CH1. In addition to adjustable ringtone options, the chime can boost the doorbell's Wi-Fi signal to ensure stable connection – which many wireless doorbells may struggle with.

The EP3x Pro also chimes with:

 Amazon Alexa

 Existed Mechanical or Electric Chimes (8-24V AC)



Smarter features, hands-free convenience

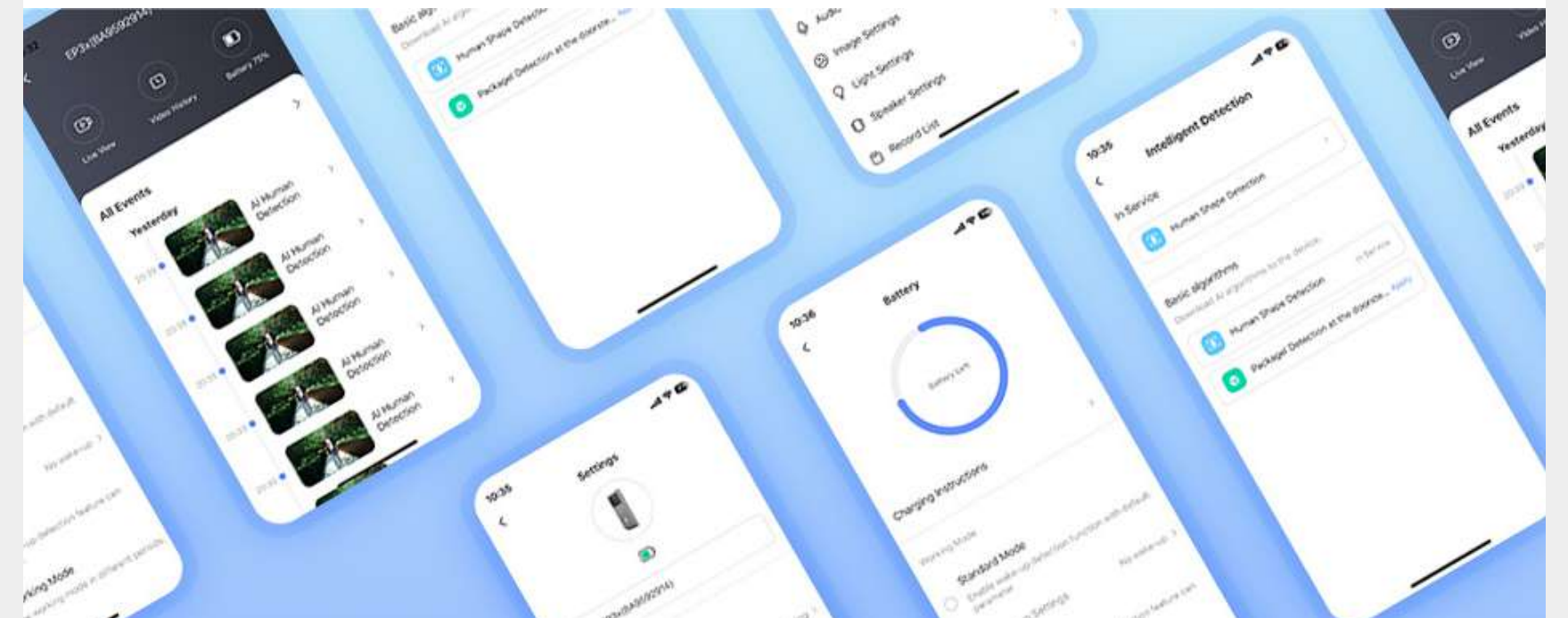
Two-way talk to respond remotely



Voice-changer to remain unidentified and feel securer



Manage via the EZVIZ App

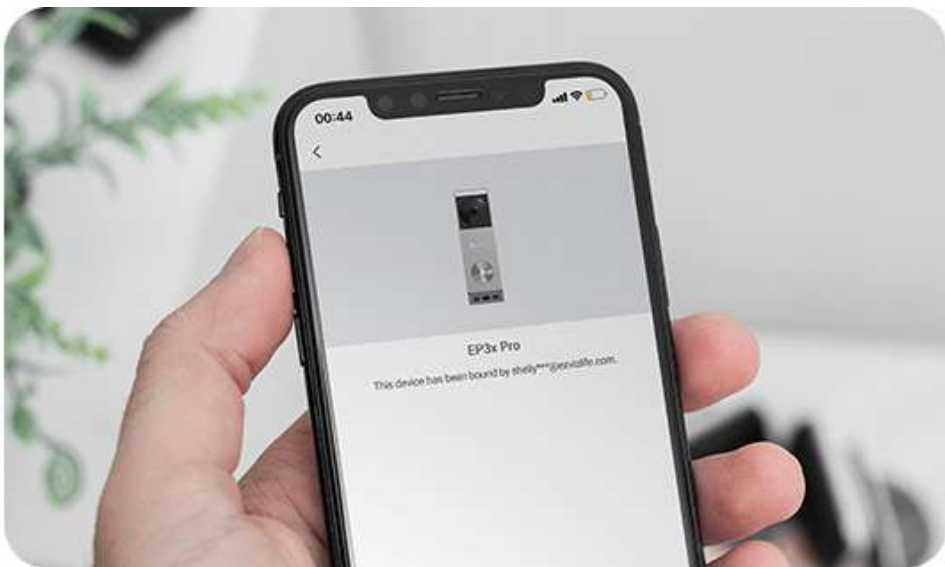


Easy to use but hard to tamper with

In case the doorbell is forcibly removed, a sharp alarm will sound and a mobile alert will be instantly sent to you. What's more, the EP3x Pro prohibits unauthorized use after theft, thanks to the account binding restriction.



Anti-Tamper Alarm



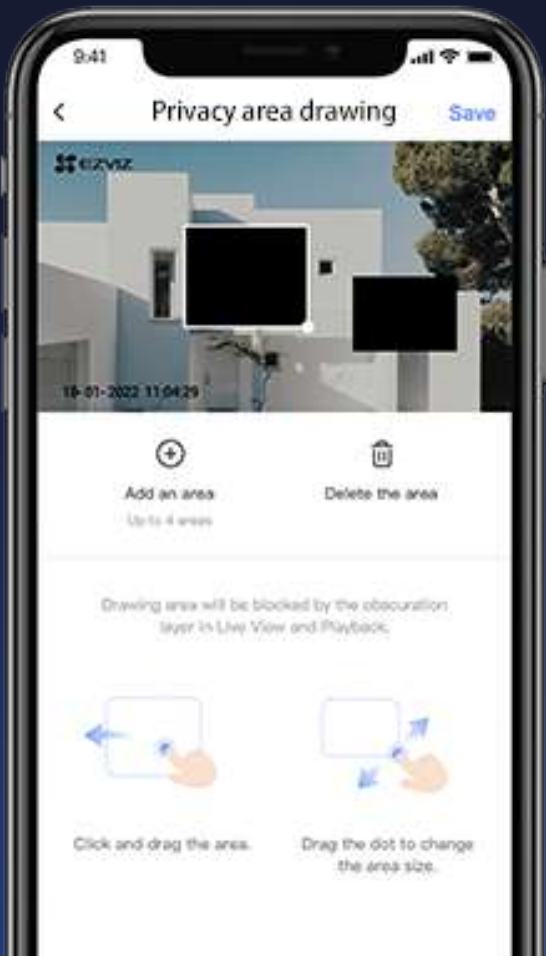
Unique Cloud Account Binding

We're committed to protecting with trust

We put security as the primary goal of every product and system that we build. We have also developed various privacy features and flexible settings that you can use at any time to feel even safer.

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

Privacy Zone⁵



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 The inclusion of the supporting solar panel in the EP3x Pro is intended to provide an additional power source for the main device, helping to extend the battery life of the doorbell to reduce the frequency of recharging. Please note that the solar panel is not the primary or only option to power your EP3x Pro doorbell , as its charging efficiency is highly dependent on sunlight exposure (which can be greatly affected by the location and orientation of the solar panel and whether other objects in the area are blocking sunlight).

2 When Color Night Vision is enabled, the EP3x Pro renders color night vision within 1 meter, according to EZVIZ Lab's test results under standard conditions.

3 Amazon Alexa and Google Assistant are not available in certain languages and countries. When integrating the EP3x Pro with Google Assistant, users can enable live streaming on their supported devices, but cannot receive incoming video calls or use the chime function.

4 Cloud storage service is only available in certain markets. Please verify the availability before making any purchase.

5 Users can draw in rectangles to customize up to 4 privacy zones.

Video Doorbell

Camera Parameters

Image Sensor	1/2.8" Progressive Scan CMOS (Supports low light sensitivity)
Lens	Upper camera: 2.3 mm @ F2.2 , diagonal field of view 162° Bottom camera: 2.3 mm @ F2.2 , diagonal field of view 155°
Day & Night	ICR infrared filter type (Max: 6 meters)

Video Parameters

Max. Resolution	Main camera: 2K (2048 × 1296) Bottom camera: 1080p (1920 × 1080)
DNR	2D/3D DNR
Video Compression	H.265 / H.264
Frame Rate	15fps.Fixed frame rate

PIR Sensor

Sensing Angle	120°
Sensing Distance	Max. 5 m (16.4 ft)
Sensitivity	User adjustable (high: 5 meters, medium: 4 meters, low: up to 3 meters)

Storage

Local Storage	Built-in 32GB eMMC
Cloud Storage	EZVIZ CloudPlay storage (subscription required)

Interface

Audio Input	Built-in high-sensitivity microphone
Audio Output	Built-in high-power speaker
Button	Doorbell button with electronic doorbell
Reset button	Yes

Network Parameters

Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

Functions

Intelligent Alarm	Human shape / package detection
Tamper Alarm	Sound and light anti-dismantling alarm (supports sending alerts to the smartphone)
Video Intercom	Two-Way talk

Wi-Fi Parameters

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4GHz ~ 2.4835GHz
Channel Bandwidth	Supports 20MHz
Security	64/128-bit WEP,WPA/WPA2,WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: 150Mbps

General

Operating Conditions	-20°C to 50°C, Humidity 95% or less (non-condensing)
Ingress Protection Grade	IP65
Size	166 × 50 × 31mm(6.53 × 1.97 × 1.22 inch)
Battery Capacity	5,200 mAh rechargeable lithium battery
Power Supply	8-24VAC, type-C: 5V(±10%), , EZVIZ Doorbell Solar Panel
Power Consumption	Max. 3 W

Solar Panel

Performance Parameter

Power Voltage	8.1 V
Max. Power Current	240 mA
Max. Power	1.2 W
Operation Temperature	-20 °C -50 °C
IP Grade	IP65
Product Dimensions	126 × 56 × 44 mm (4.96 × 2.20 × 1.73 inch)

General

Net Weight	Doorbell: 276 g (9.73 oz)
Weight with Package	650 g (22.93 oz)

CS-CH1-R100-10AWFK

Network

Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

Audio

Ringtone	Supports up to 20 options with adjustable volume
Audio Output	Built-in high-power speaker (up to 72 dB in 1 meter)

Wi-Fi

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	64 / 128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK
Transmission Rate	11b: 11 Mbps, 11g :54 Mbps, 11n :150 Mbps
Antennas	Dual external antennas

General

Operating Conditions	-10°C to 45°C (14°F to 113 °F), Humidity 95% or less (non-condensing)
Power Supply	100 V ~ 240 V AC
Power Consumption	Max. 5 W
Dimension	101 × 64 × 32 mm (3.98 × 2.52 × 1.26 inch)
Weight	87g (3.07 oz)

In the box

- EP3x Pro Video Doorbell
- Mounting Bracket for Doorbell
- Inclined Mounting Bracket
- Drill Template for Doorbell
- Solar Panel
- Drill Template for Solar Panel
- CH1 Chime
- Power Cable
- Pin
- Screw Kit × 3
- U-shaped Wire × 2
- Wire Connector × 2
- Regulatory Information × 3
- Quick Start Guide × 2

Certifications

CE / REACH / WEEE / RoHS

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