



# EP3x Pro 2K

## Battery-Powered Video Doorbell

### Double protection, half the trouble

Introduce EZVIZ's first dual-lens video doorbell with unparalleled vision, complex detection features, and easy solar charging option. Combining a 2K main camera and a 1080p bottom camera, the EP3x Pro detects both moving people and delivered packages to help you watch over your front door in a smart way. It's also a kit that you can truly set and forget — it comes with free, built-in 32GB eMMC storage capacity, and uses the included solar panel to run on green, non-stop energy.



2K & 1080p  
Dual Lenses



Smart Human  
Motion Detection



Package  
Detection



Free 32 GB  
eMMC Storage



Solar Panel  
Included



Color  
Night Vision<sup>1</sup>



Two-Way  
Talk



Voice Changer For Privacy  
Protection



Anti-Tamper  
Alarm



No-Filming  
Privacy Zones



Weatherproof  
Design



Smart Integration with  
Google Assistant &  
Amazon Alexa<sup>2</sup>





## 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





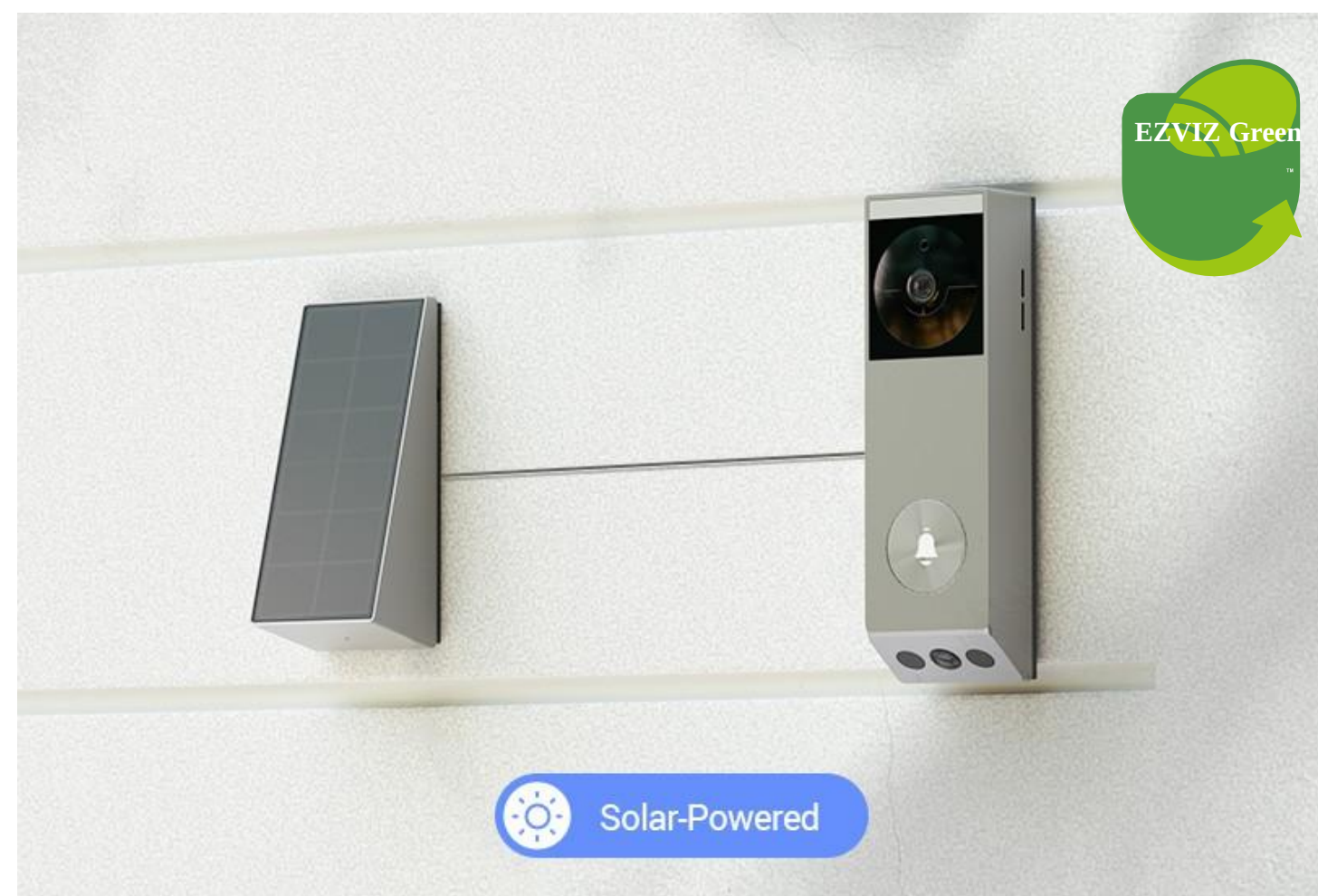
## 2K clarity and color night vision

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 vision<sup>1</sup>.



## 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 non-stop 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 CloudPlay<sup>3</sup>

## 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<sup>4</sup>. 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:

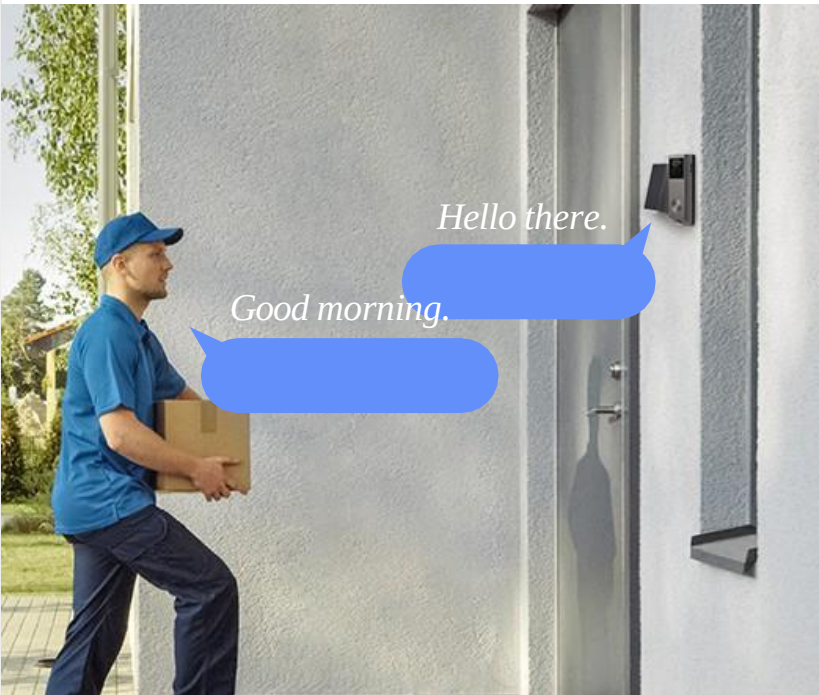
 Google Assistant & Amazon Alexa

 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

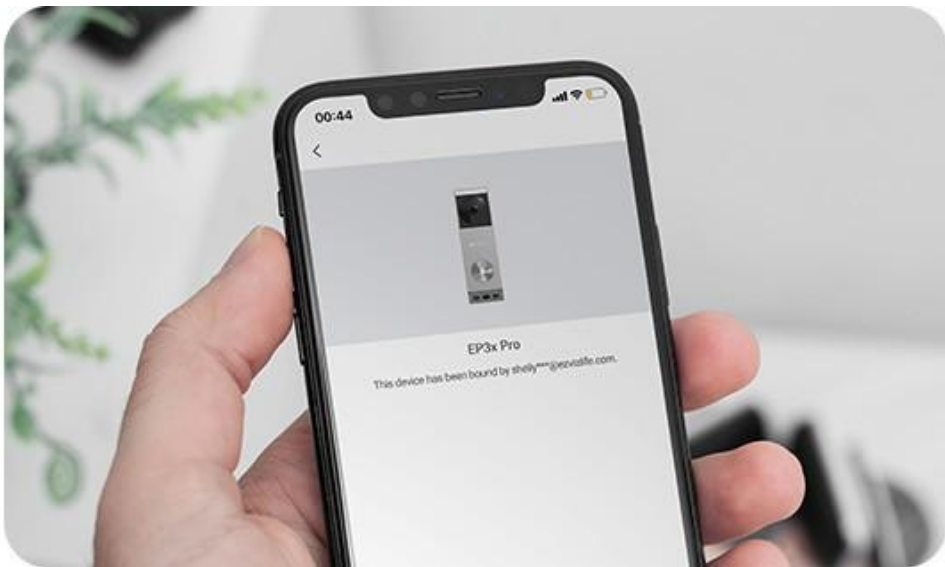


# Easy to use but hard to tamper with

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



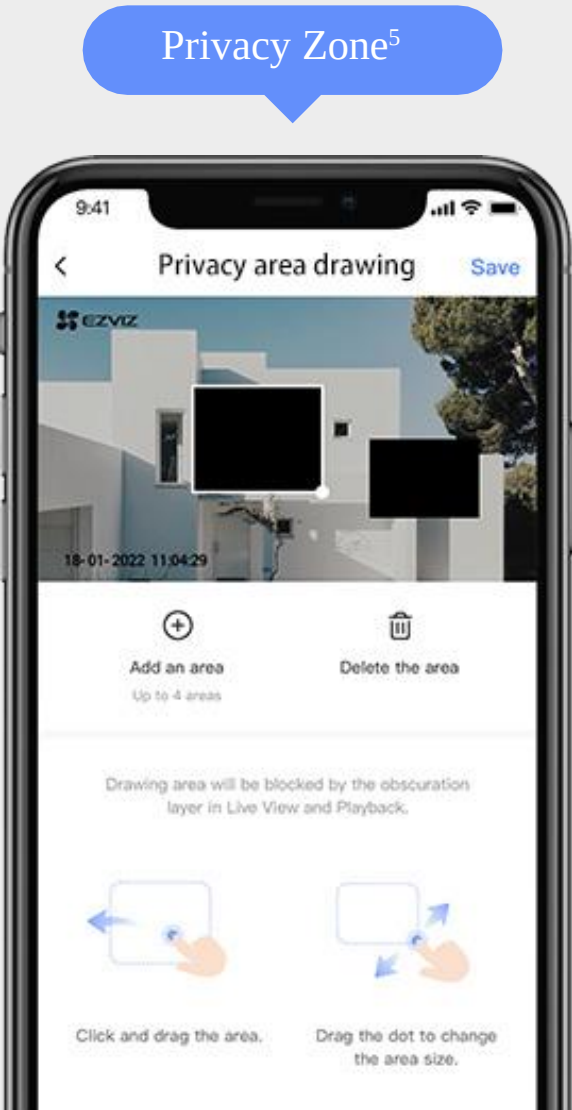
Unique Cloud Account Binding

# We do our best to protect your data and privacy

We design the product to respectfully protect your data and privacy. You can also set up no filming zones to make sure recording only happens when it's appropriate and allowed.



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.



**TLS**  
Data Transmission  
Encryption

**AES-128**  
Data Encryption

- 1 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.
- 2 Google Assistant is not available in certain languages and countries.
- 3 Cloud storage service is only available in certain markets. Please verify the availability before making any purchase.
- 4 The CH1 is not included in the kit. Please verify the product compatibility before making a 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<br>(Supports low light sensitivity)                                                            |
| Lens         | Upper camera: 2.3mm @F/2.2 ,<br>diagonal field of view 162° Bottom<br>camera: 2.3mm @F/2.2 , diagonal<br>field of view 155° |
| Day & Night  | ICR infrared filter type ( Max: 6 meters)                                                                                   |

Video Parameters

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Max Resolution    | Main camera: 2K (2048 × 1296)<br>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      | Adjustable (High: 5 meter, Medium: 4 meter,<br>and Low: up to 3 meter) |

Storage

|               |                         |
|---------------|-------------------------|
| Local Storage | Built-in 32GB eMMC      |
| Cloud Storage | EZVIZ CloudPlay storage |

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 | AI-Powered Human Shape Detection, Package Detection                               |
| Tamper Alarm      | Sound and light anti-dismantling alarm (Supports<br>sending alerts via EZVIZ App) |
| Video Intercom    | Two-Way talk                                                                      |

# Specifications

Model CS-EP3x Pro

## 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,<br>Humidity 95% or less (non-condensing) |
| Ingress Protection Grade | IP65                                                    |
| Size                     | 166 × 50 × 31mm(6.53 × 1.97 × 1.22 inch)                |
| Battery Capacity         | 5200 mAh rechargeable lithium battery                   |
| Supply                   | Type-C: 5V(±10%), EZVIZ Solar Panel                     |
| Consumption              | Power<br>3W MAX                                         |

## Solar Panel

### Performance Parameter

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

## General

|                     |                           |
|---------------------|---------------------------|
| Net Weight          | Doorbell: 276 g (9.73 oz) |
| Weight with Package | 650 g (22.93 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
- Power Cable
- Pin
- Screw Kit ×3
- U-shaped Wire ×2
- Wire Connector ×2
- Regulatory Information ×2
- Quick Start Guide

## Certifications

CE / REACH / WEEE / RoHS

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