EZVIZ™

HP4 Pro

Wire-Free Peephole Doorbell



Front door security made simple and visible

EZVIZ HP4 Pro makes front door security clearer, smarter, and easier for everyday use. See visitors and doorstep details in sharp 3K, get timely phone alerts when PIR Motion Detection senses human activity, and check the live view instantly on the 4-inch indoor screen. With a long-lasting 4600 mAh rechargeable battery, it keeps you connected to your doorstep day and night with less hassle.

Key Features

- 3K Resolution
- PIR Motion Detection
- 4-inch Color Screen
- Live View & Two-Way Talk from Smart Phone
- 4600 mAh Rechargeable Lithium Battery
- WDR
- Wi-Fi (2.4 GHz)
- Build-in Electronic Doorbell
- Night Vision Up to 5 m (16.4 ft)
- H.265 Video Techonology[1]
- Supports Local Storage (Up to 512 GB) & EZVIZ CloudPlay Storage[2]
- Suitable for Peephole from Diameter 14-50 mm

Clear 5MP Resolution

Views Every Detail Clearly with Upgraded 3K Vision

With upgraded 3K (5MP) resolution, every view outside your door appears clearer and more detailed. Whether it's a visitor's face or movement at night, you can see more of what matters and feel more confident before opening the door.



PIR Motion Detection

Detects Motion Before Someone Approaches Your Door

By focusing on people instead of everyday background movement, the newly added PIR detection helps reduce unnecessary alerts while keeping you aware of visitors, deliveries, and unexpected activity at your doorstep with greater accuracy.



WDR

Renders Eye-Catching Views with Automatic Perfection

Powered by advanced WDR technology, the HP4 Pro delivers crisp, true-to-life images without blown highlights, dark shadows, or warped edges.





4-Inch Indoor Screen

Gives Your Door a Screen of Its Own

The 4-inch color screen brings live doorstep video directly to the inside of your home. No phone required—just a clear view when someone rings, knocks, or stops by. It's a more convenient way for the whole family to know who's outside before opening the door.

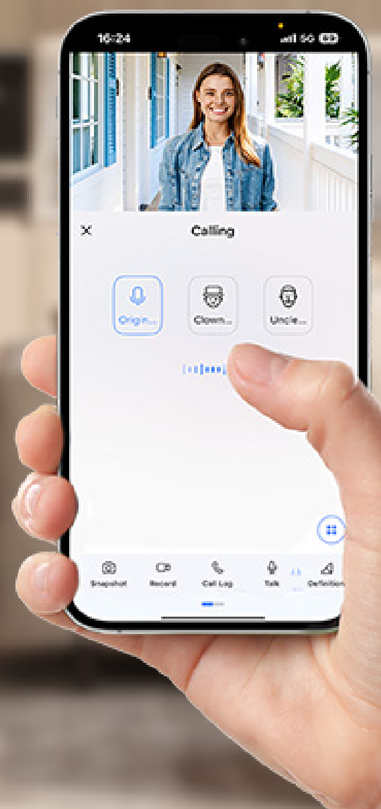
4-inch Color Screen

Supports Local Storage



Build-in Electronic Doorbell

Wi-Fi (2.4 GHz)



Two-Way Talk

Respond in Real Time from Wherever You Are

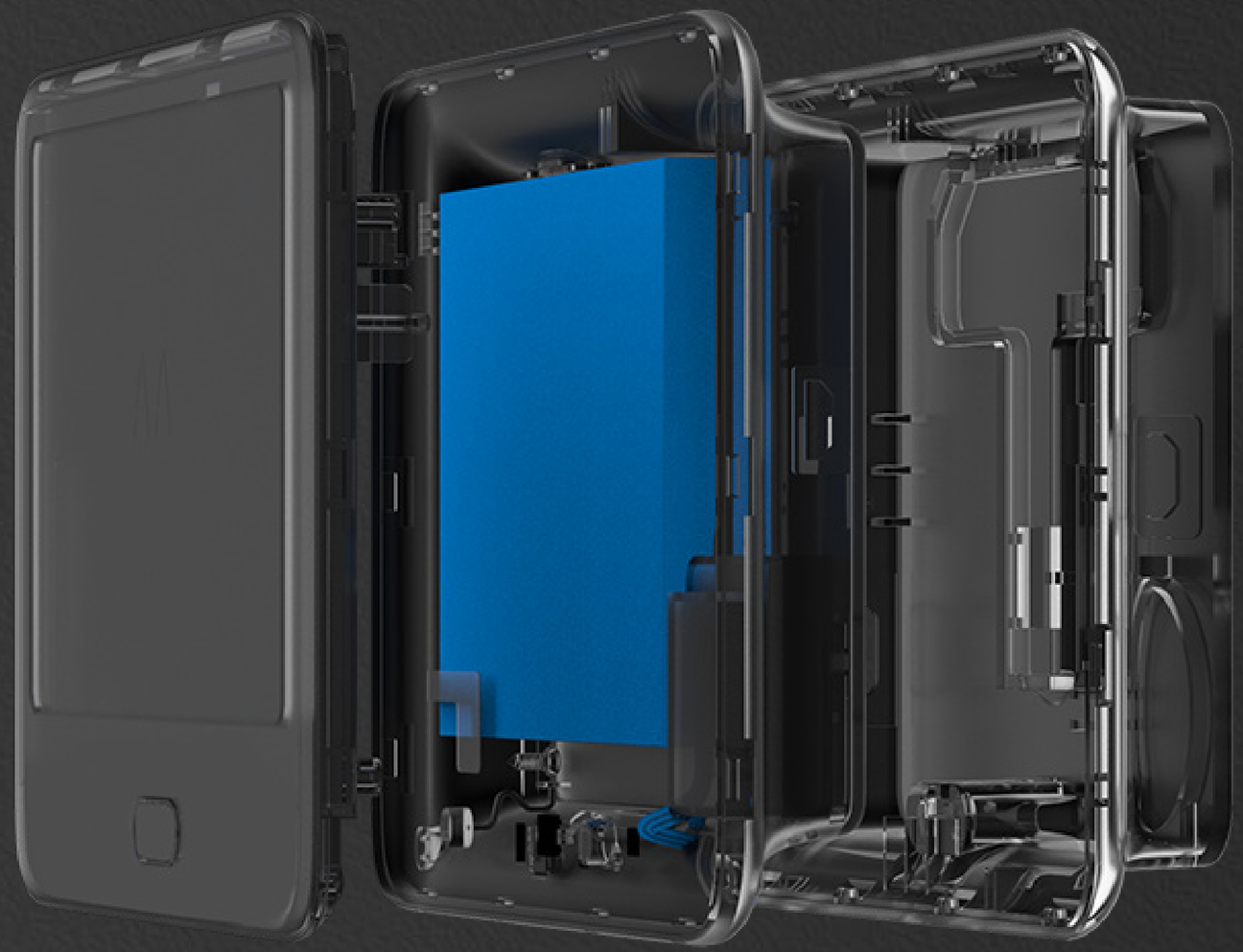
The built-in electronic doorbell enables you know when someone is at the door, while two-way talk with voice-changing technology lets you respond instantly from your phone with added safety and privacy. Speak to visitors, guide deliveries, or let someone know you'll be there soon—all without opening the door.



Large Built-in Battery

Powers Your Door with Lasting Protection

The built-in 4600 mAh rechargeable lithium battery keeps your peephole ready for everyday security, helping you stay connected with fewer interruptions. Enjoy reliable power that supports your home protection day after day.



Reliable Connection with 2.4 GHz Wi-Fi

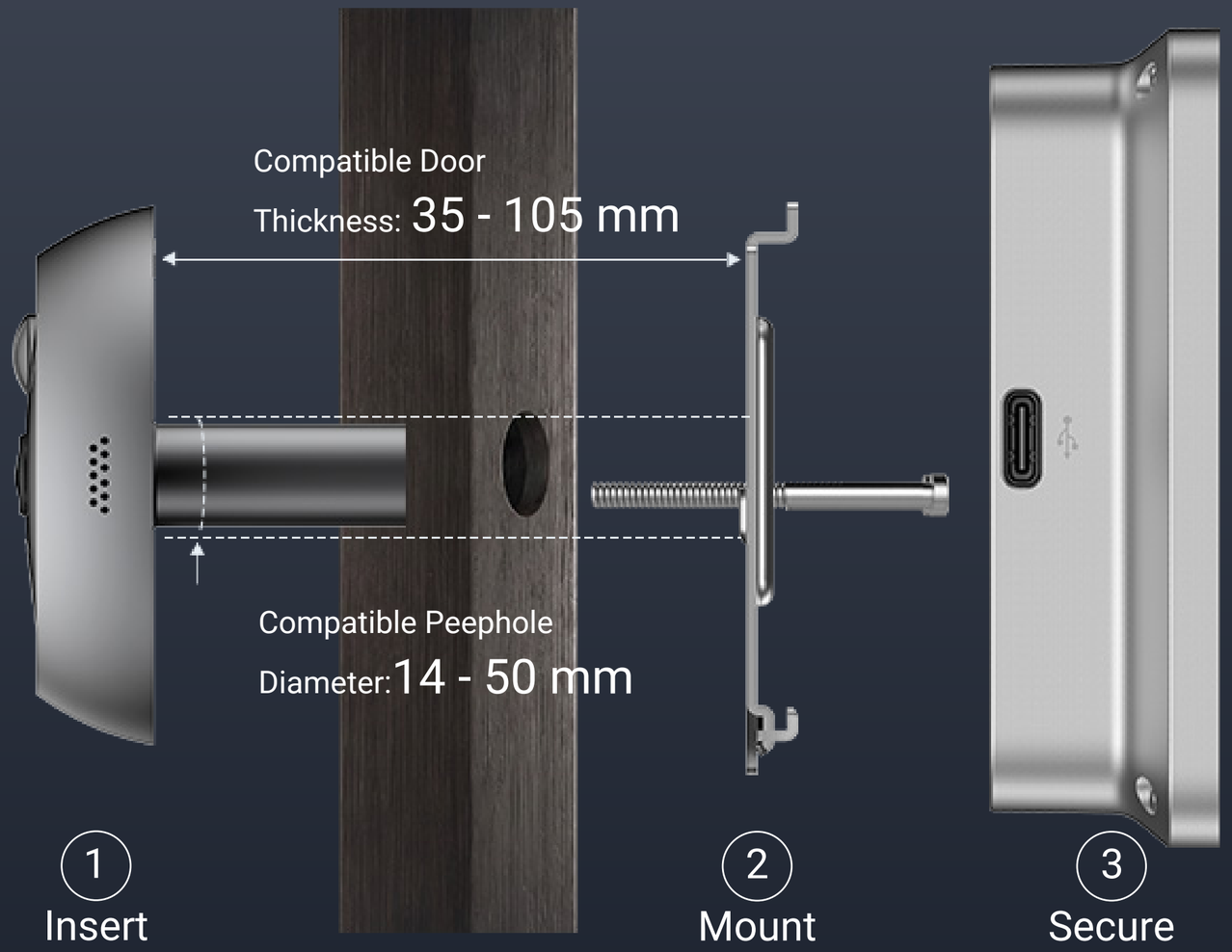
Featuring 2.4 GHz Wi-Fi, the HP4 Pro offers strong wall-penetration for stable connectivity between the door viewer and your router. Enjoy seamless live viewing, two-way audio and motion alerts with consistent, dependable performance.



Easy Installation

Install it Easily on Your Door, All By Yourself

Designed for easy setup, the HP4 Pro fits most compatible peepholes without complicated wiring or special tools. Simply insert, mount, and secure it to your door, and you'll have a smart door viewer ready to protect your home in no time.



Local & Cloud Storage

Trusts on Your Extra-Large, Stae Storage Options

You can secure your recorded videos on a local Storage card of up to 512 GB,
or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage.



Supports Local Storage



Supports EZVIZ CloudPlay Storage[2]

H.265 Video Compression

Enhanced Viewing Pleasure with Smaller Video Files

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces their sizes by up to 50%[1].



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 >

Privacy Zone³



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 Test data obtained under standard lab conditions at EZVIZ Lab. Actual video compression efficiency varies based on captured activity frequency, scene complexity and environmental factors.

2 This device is compatible with standard local storage cards widely available on the market, supporting capacities from 16 GB to 512 GB. The local storage card must be purchased separately. To ensure reliable read/write performance and device stability, a branded storage card with a speed class of Class 10 or above is recommended. The cloud storage service is only available in certain markets. Please verify the availability before making any purchase.

3 Users may draw rectangles to set up up to 4 custom privacy zones.

Specifications CS-HP4-R200-6Q5FW

Camera Parameters

Sensor	1/3" Progressive Scan CMOS
Lens	2.0 mm @ F2.0, visual angle (diagonal):155°
Day/Night Switch	ICR Infrared Filter
IR Distance	Max. 5 m
WDR	Supports
Max. Resolution	3K / 5MP
Video Frame Rate	15fps

Screen Parameters

Screen	4-inch untouchable color screen

PIR Detection

Angle	110°
Distance	Max. 6 m (20 ft)
Sensitivity	Adjustable

Battery

Battery Capacity	4600mAh Lithium Battery
Charging Input	5V 2A

Smart Functions

Intelligent Alarm	PIR Motion Detection
Two-Way Talk	Supports (via EZVIZ App)

Interface

Storage Interface	Local storage card slot (max. 512 GB)
Audio Input	Built-in high sensitivity microphone
Audio Output	Built-in high-power speaker
Buttons	Doorbell button, power button, screen wake up button

Network

Protocol	EZVIZ cloud proprietary protocol
General Function	Cloud video encryption and image encryption

Wireless

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, WPS
Transmission Rate	11b: 11Mbps, 11g :54Mbps, 11n :150Mbps

Installation Parameters

Supportive Hole Diameter	14 to 50 mm (0.55 to 1.97 inch)
Supportive Door Diameter	35 to 105 mm (1.38 to 4.13 inch)

General

Color	Silver
Operating Conditions	-10°C to 45°C (14°F to 113 °F), Humidity 95% or less (non-condensing)
Power Supply	DC5V±10%
Power Consumption	Max. 2.2W
Product Size	Screen: 109*79.3*22.5 mm Peephole Doorbell: 71*71*48.75 mm
Package Size	165*107*80 mm
Net Weight	252.3g
Weight with Package	479.8g

In the box

- Panel (×1)
- Mounting Base (×1)
- Camera (×1)
- Screws (×6)
- Power Cable (×1)
- Regulatory Information (×2)
- Quick Start Guide (×1)
- Video/Audio Monitoring Sticker (×1)

Certifications

CE/REACH/WEEE/RoHS

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