CS-HP4-R200-6Q5FW

Wire-Free Peephole Doorbell



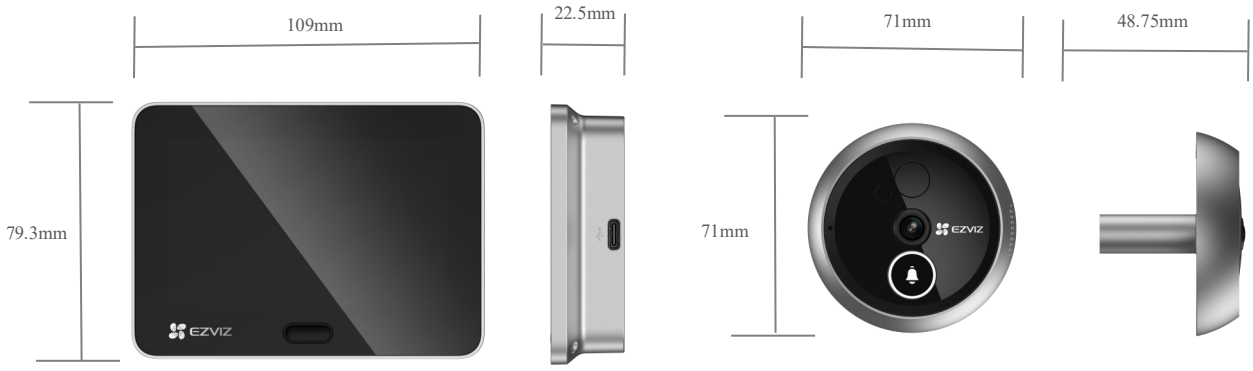
Introduction

EZVIZ HP4 Pro combines the convenience of a traditional peephole with advanced PIR motion detection technology. With 3K resolution, it ensures sharp video quality day and night. With PIR sensor, it instantly records activity and sends real-time alerts to your smartphone when movement is detected, helping you stay informed and secure at all times.
The 4600mAh battery supports long operation, while the 4-inch display offers quick, at a glance monitoring. Ideal for enhancing door security in homes and apartments.

Main Features

- 3K Resolution
- 4600mAh Rechargeable Lithium Battery
- Wi-Fi 6(2.4 GHz)
- Build-in Electronic Doorbell
- Supports MicroSD Card (up to 512GB)
- PIR Motion Detection
- 4-inch Untouchable Color Screen
- WDR
- Live View & Two-Way Talk from Smart Phone
- Suitable for Peephole from Diameter 14-50mm

Dimensions



Copyright @2026 EZVIZ. All rights reserved.
www.ezviz.com

Specifications

Model	CS-HP4 Pro
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
Video Intercom	Local and remote video intercom
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

EZVIZ
Copyright @2026 EZVIZ. All rights reserved.
www.ezviz.com

In the Box:

Panel x1
Mounting Base x1
Camera x1
Screws x6
Power Cable x1
Regulatory Information x2
Quick Start Guide x1
Video/Audio Monitoring Sticker x1

Certification:

CE/REACH/WEEE/RoHS

Copyright @2026 EZVIZ. All rights reserved.
www.ezviz.com