

CS-HP7-R400-1W2TFD(Pro)

4K Smart Home Video Doorphone



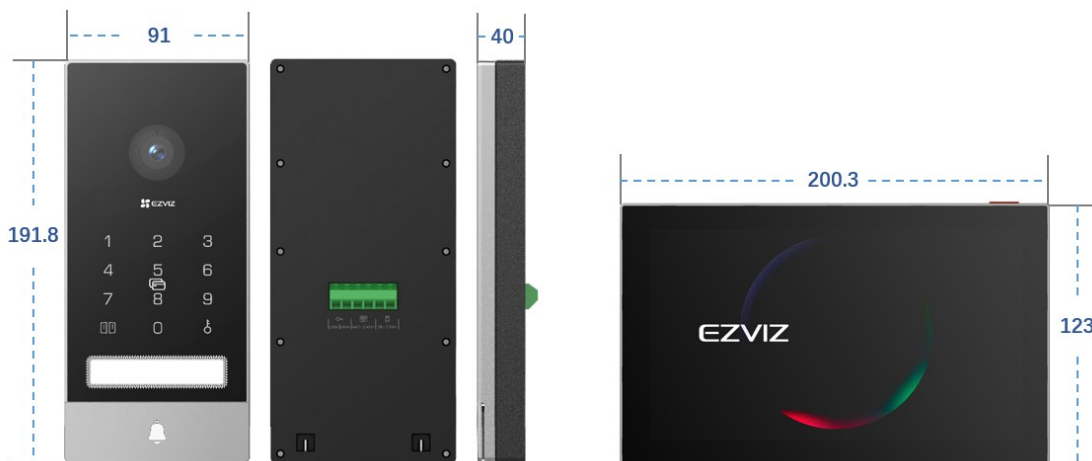
Introduction

EZVIZ HP7 Pro is designed to optimize front-door communication for modern homes by seamlessly integrating a 2-in-1 video doorbell, an 8-inch touch monitor and the EZVIZ mobile app. Homeowners can now enjoy stunning 4K video quality with a wide field of view that ensures a crystal-clear view of visitors and the surrounding area. The system supports advanced palm vein recognition for secure and touchless unlocking, and offers flexible options such as remote controls via the indoor screen and the EZVIZ App, QR codes, passcodes and smart RFID cards. The kit further enhances home security by detecting human motions and sending instant detection notifications to the user's phone. The indoor monitor is also a control hub of your home security, you can add and control other EZVIZ devices on it. With its sleek, elegant design, this kit harmonizes with most home styles and is easy to install despite the different settings in different houses.

Main Features

- 4K Resolution
- Gate-Opening and Unlocking
- ColorFULL Night Vision under Low Light
- 2.4G/5G Dual-Band Wi-Fi 6 & Bluetooth Connectivity
- Smart Human Motion Detection
- Touchless Unlocking with Palm Vein Recognition
- Passcode Unlock (on outdoor panel)
- Auto-Image Processing with WDR & Distortion Correction
- 2-Wire Installation
- Waterproof
- Touchless Unlocking with Face Recognition
- 8" Touch Monitor
- Control Other EZVIZ Devices via Indoor Monitors
- App Remote Control
- Safe Local Storage

Dimension (mm)



Specifications

Model	CS-HP7-R400-1W2TFD(Pro)
Outdoor Panel Parameters	
Image Sensor	1/2.8" Progressive Scan CMOS (Supports low light sensitivity)
Lens	2.0 mm @ F1.6, view angle: 158° (Diagonal)
Day & Night	IR-cut filter with auto-switching
Max. Resolution	3840*2160 (4K)
DNR	2D/3D DNR
Video Compression	H.265 / H.264
Frame Rate	Max: 15fps; Self-Adaptive during network transmission
Connection And Function	
Connection Method	Wired connection (2-Wired, capable with 4-Wired) , Digital signal transmission
Transmission Distance	Φ 2 x 0.75mm ² , max.50m Φ 2 x 1. 5mm ² , max.100m Twisted pair , max.120m
Open the door (Gate)	Support. 2 wiring ports. 1-10m distance. The intercom panel provides a “dry”-contact connection, without an electric current, to connect to the button for automated gate, gate breaking capacity: 12V/2A
Unlock (Electric strike plate)	Support. 2 wiring ports. 1-10m distance. The electric strike plate or lock that you order must have a mechanical memory; the power supply to the electric strike plate or lock must not exceed 12V/1.1A, other wise should do as user manual.
Door open method	1. Touchless palm vein unlock 2. Face Recognition unlock 3. RFID badge unlock (CPU card x 3 pcs) 4. App remote unlock 5. Indoor display unlock 6. Passwords unlock 7. QR code unlock
Outdoor Doorbell Interface	
Audio Input	Built-in high-sensitivity microphone
Audio Output	Built-in high-power speaker
Doorbell Button	Support, 1 button. Can set the light on or off.
Name card	Support, handwritten. 3 cards stickers included(1 sticker already on the intercom panel). Can set the light on or off.
Terminal	Two wiring ports to connect screen. Two wiring ports to connect gate. Two wiring ports to connect electric strike plate.
Functions	
Intelligent Alarm	Smart human motion detection + Loitering detection
Tamper Alarm	Support
Video Intercom	Long-distance video two way talk
General (Ourdoor Panel)	
Operation Conditions	-30°C to 60°C , Humidity 95% or less (non-condensing)
Ingress Protection Grade	Waterproof, with shield cover
Size	191.8*91*40 mm
Power Supply	24V DC from screen

Specifications

Model	CS-HP7-R400-1W2TFD(Pro)
Indoor Monitor	
Monitor size	8" touch screen
Resolution	1280*800
Interface	
Audio Input	Built-in high-sensitivity microphone
Audio Output	Built-in high-power speaker
Button	Screen On/Off Button
Terminal	Two wiring ports to connect outdoor doorbell. Two wiring ports to connect power supply.
SD card	Support up to 512GB
Network Parameters	
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Protocol	EZVIZ EZCONNECT Protocol
Wi-Fi Parameters	
Wi-Fi Standard	IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11ax
Frequency Range	2.4GHz ~ 2.4835GHz 5.15GHz ~ 5.35GHz 5.47GHz ~ 5.725GHz
Channel Bandwidth	supports 20MHz@2.4G,supports 80MHz@5G
Security	WPA/WPA2/WPA3,WPA-PSK/WPA2-PSK/WPA3-PSK
Transmission Rate	11b: 11Mbps,11g: 54Mbps,11a:54Mbps,11n: MCS7, 11ac:MCS9,11ax:MCS11
General (Indoor Monitor)	
Multiple Ringtones	Up to 20 ringtones
Functions	Live view, Playback, Two-way talk, Video call
Operation Conditions	-10°C to 45°C, Humidity 95% or less (non-condensing)
Size	200.3*123*15 mm
General (HP7 Pro Kit)	
Weight	Net weight 1130 g With package 2418 g
Power Supply	DC 24V 1.5A power supply, adaptor (100-240Vac)
Power Consumption	8W, Max. 36W