

# CS-HP7-R200-1W2TFC
















Smart Home Video Doorphone



## Introduction

The HP7 2-family kit is an ideal internet-connected intercom system for two families sharing a main entrance. It includes a shared doorphone with two separate call buttons, and two independent indoor monitors that each family uses to manage complex accesses at home. It also provides simpler ways to grant access remotely via the EZVIZ App, offering multiple unlocking options such as scanning a QR code, or using an RFID card. It adds additional security features to monitor activities with real-time mobile alerts.

## Main Features

- |                                                                                                                 |                                                                                                                        |                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  2-Wire Installation           |  Separate Control for 2 Family Units |  Independent 7" Touch Monitor for Each Family |
|  Smart Human Motion Detection |  Gate-Opening and Unlocking         |  Smart RFID Unlocking (3 Tags/Family)        |
|  2K Resolution                |  App Remote Control                 |  Two-Way Talk                                |
|  2.4G/5G Dual-band Wi-Fi      |  Multiple Ringtones                 |  Safe Local Storage                          |
|  Waterproof                   |  IR Night Vision                    |  Name Card                                   |

## Dimension



# Specifications

Model	CS-HP7-R200-1W2TFC
Outdoor Panel Parameters	
Image Sensor	1/2.7" Progressive Scan CMOS (Supports low light sensitivity)
Lens	2.0 mm @ F2.2, field of view: 162° (diagonal)
Day & Night	IR-cut filter with auto-switching, 850nm infrared light x 2 (max. 6m)
Max. Resolution	2048 × 1296 (2K)
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	$\Phi$ 2 x 0.75 mm <sup>2</sup> : max.50 m $\Phi$ 2 x 1.5 mm <sup>2</sup> : max.100 m Twisted pair: max.120 m
Open the Door (Gate)	Support. 2 wiring ports. 1 - 10 m 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 - 10 m 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 Methods	1. RFID badge unlock (3 pcs / family) 2. App remote unlock 3. Indoor monitor unlock 4. QR code unlock
Outdoor Panel Interface	
Audio Input	Built-in high-sensitivity microphone
Audio Output	Built-in high-power speaker
Doorbell Button	Support, 2 buttons. Can set the light on or off.
Name card	Support, handwritten. <b>3 cards stickers included</b> (1 sticker already on the intercom panel). Can set the light on or off.
Terminal	Four wiring ports to connect screens. 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 (Outdoor Panel)	
Operation Conditions	-30°C to 60°C , Humidity 95% or less (non-condensing)
Ingress Protection Grade	Waterproof, with shield cover
Power Supply	24V DC from screen

# Specifications

Model	CS-HP7-R200-1W2TFC
Indoor Monitors	
Display Size	7" touch screen
Resolution	1024*600
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 the outdoor panel.
MicroSD Card	Support up to 512GB
Network Parameters	
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Wi-Fi Parameters	
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n, 802.11ac
Frequency Range	2.4GHz ~ 2.4835GHz 5.15GHz ~ 5.25GHz
Channel Bandwidth	Supports 20MHz
Security	64/128-bit WEP, WPA/WPA2,WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps, 11g: 54Mbps,11n: 150Mbps, 11ac: 433.3Mbps
Function	
Multiple Ringtones	Up to 20 ringtones
Functions	Live view, Playback, Two-way talk, Video call
General (Indoor Monitor)	
Operation Conditions	-10°C to 45°C, Humidity 95% or less (non-condensing)
Power Supply	DC 24 V / 1 A power supply, adaptor (100-240Vac)
Power Consumption	8 W, Max. 24 W
General (HP7 2-Family Kit)	
Weight	Net weight: 1010g
Size	Screens: 180 x 111 x 15 mm Outdoor Panel: 161 x 87 x 22 mm