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



Smart Human Motion Detection



2K Resolution



2.4G/5G Dual-band Wi



Waterproof



Separate Control for 2 Family Units



Gate-Opening and Unlocking



App Remote Control



Multiple Ringtones



IR Night Vision



Independent 7" Touch Monitor for Each Family



Smart RFID Unlocking (3 Tags/Family)



Two-Way Talk

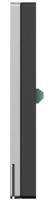


Safe Local Storage



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	Φ 2 x 0.75 mm ² : max.50 m Φ 2 x 1. 5 mm ² : 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	 RFID badge unlock (3 pcs / family) App remote unlock Indoor monitor unlock 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. 3 cards stickers included (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

