CS-HP7-R101-1W2TFC

Smart Home Video Doorphone

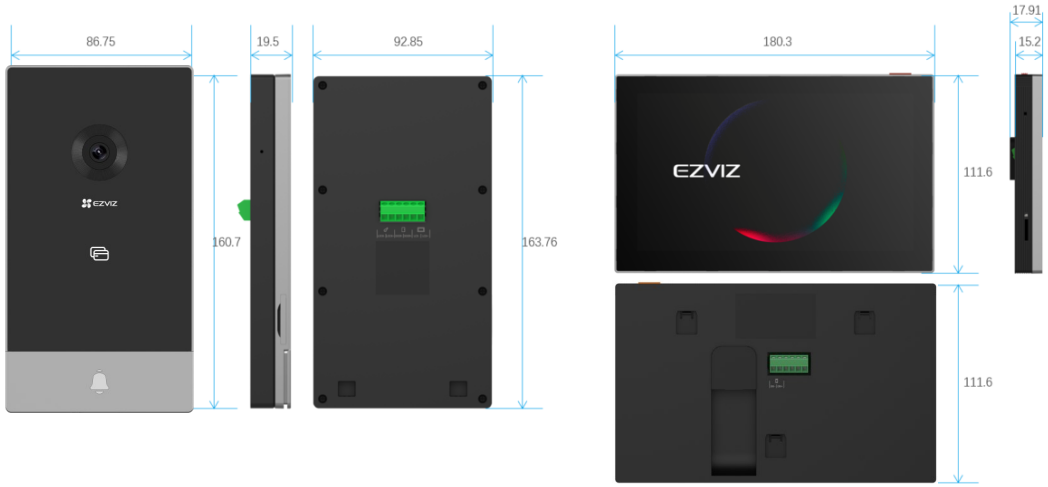
Introduction

Designed to facilitate front-door communications for modern homes, the EZVIZ Smart Home Video Intercom innovatively integrates the functionality of a 2-in-1 video doorbell and camera, a 7-inch touch monitor and the user's mobile phone. Homeowners can now enjoy stunning vision supported by 2K video and wide field-of-view, while easily manage the door/gate access with a simple touch on the monitor or via the EZVIZ App remotely. The intercom also enhances front-door security, as it can detect human motions in particular and notify users about suspicious activities immediately. The whole kit has a consistent, elegant design to fit most home styles, and is easy to install and use for different families.

Main Features

- 2-wire
- Gate-opening and unlocking
- 7" Touch Monitor
- Smart Human Motion Detection
- Smart RFID Unlock (2 tags included)
- App Remote Control
- 2K Resolution
- H.265 Video Compression
- Multiple Ringtones
- 2.4G/5G Dual-band Wi-Fi
- Two-Way Talk
- Safe Local Storage
- Waterproof
- IR Night Vision

Dimension



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Specifications

Model	CS-HP7-R101-1W2TFC
Outdoor Doorbell Parameters	
Image Sensor	1/2.7" Progressive Scan CMOS (Supports low light sensitivity)
Lens	2.0 mm @ F2.2, view angle: 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	24V1A： Φ 2 x 0.75mm^2, max.50m Φ 2 x 1. 5mm^2, max.100m Twisted pair , max.120m 12V2A: Max. 35m
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. 24V1A: the power supply to the electric strike plate or lock must not exceed 12V/1.1A, other wise should do as user manual. 12V2A: the power supply to the electric strike plate or lock must not exceed 12V/0.8A, other wise should do as user manual.
Door open method	1. RFID badge unlock (CPU card x 2 pcs) 3. App remote unlock 4. Indoor display 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.
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	
Operation Conditions	-30°C to 60°C , Humidity 95% or less (non-condensing)
Ingress Protection Grade	Waterproof, with shield cover
Size	86.75 x 160.7 x 19.5 mm

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Specifications

Model	CS-HP7-R101-1W2TFC
Interior Display	
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 outdoor doorbell.
SD card	Support up to 512GB
Network Parameters	
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Coud Proprietary Protocol
Protocol	EZVIZ EZCONNECT 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	
Operation Conditions	-10°C to 45°C, Humidity 95% or less (non-condensing)
Weight	Net weight 653 g With package 1668 g
Size	180 x 111 x 15 mm
Power Supply	DC 24V 1A or 12V2A power supply, adaptor (100-240Vac)
Power Consumption	8W, Max. 24W

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