

CS-EP7

Smart Home Video Doorphone



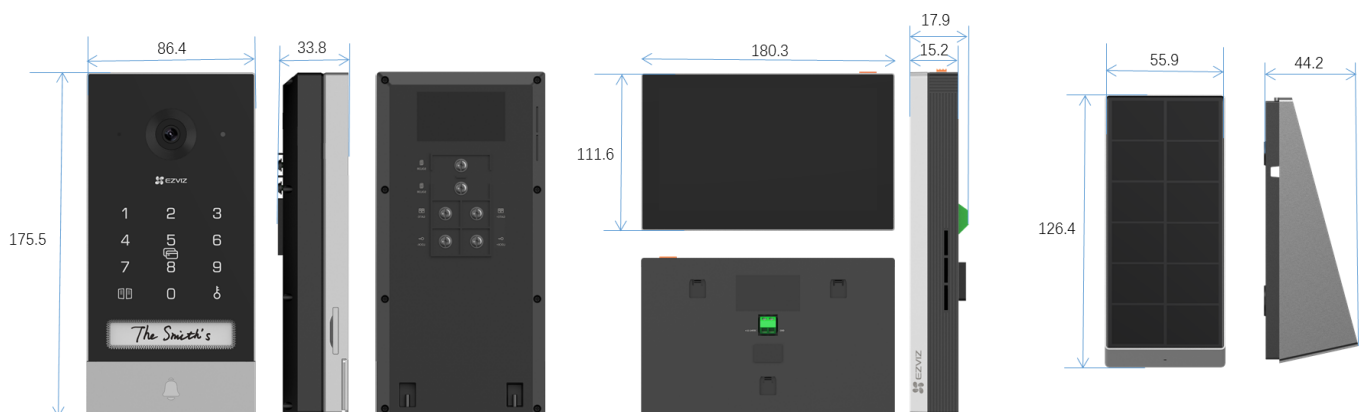
Introduction

In addition to being fully interconnected and app accessible, the EZVIZ EP7 further optimizes home communication system's user experience by providing unprecedented wireless solution. Boosted by Wi-Fi HaLow™, it is easier than ever to install, use, and maintain. What's more, it offers comprehensive front door functionalities including remote door/gate unlocking, live view, two-way talk, and more. Battery anxiety should be history, as the EP7 kit comes with a solar panel to provide non-stop green energy.

Main Features

- Battery-Powered
- High-Performance Wi-Fi HaLow
- 2K Resolution
- 2.4G/5G Dual-band Wi-Fi for Internal Screen
- Waterproof Design
- Name Card
- No Wiring Required Between Outdoor & Indoor
- Passcode Unlocking
- Smart RFID Entry
- H.265 Video Compression
- Two-Way Talk
- IR Night Vision
- Gate-opening and unlocking
- Solar Panel Included for Battery Charging
- 7" Touch Monitor
- EZVIZ Service & App Remote Control
- Multiple Ringtones
- 64GB MicroSD Card included

Dimension



Specifications

Model	CS-EP7
Outdoor Doorbell	
Camera	
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
Network	
Wi-Fi Standard	IEEE802.11AH
Frequency Range	904 M-928 M (US), 865 M-867 M (EU)
Channel Bandwidth	8 M (US), 2 M (EU)
Security	64 / 128 bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK
Wi-Fi HaLow Pairing	AP pairing
Connection and Function	
Connection Method	Wi-Fi HaLow
Transmission Distance	250m
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/0.8A, other wise should do as user manual.
Door Open Method	<ol style="list-style-type: none"> 1. RFID badge unlock (CPU card x 3 pcs) 2. Password unlock 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.
Name Card	Support, handwritten. 3 cards stickers included(1 sticker already on the intercom panel)
Password Keypad	0-9 10-digial password keyboard; support 5 sets of 6-10 digital passwords; press the keypad to turn on the light, the light can be turn off
Terminal	<p>Two wiring ports to connect gate.</p> <p>Two wiring ports to connect electric strike plate.</p> <p>Two wiring ports to connect the solar panel</p>

Specifications

General	
Operation Conditions	-20°C to 60°C , Humidity 95% or less (non-condensing)
Ingress Protection Grade	Waterproof, with shield cover
Battery Capacity	2600mAh 7.3V (5200mAh 3.7V) rechargeable lithium battery, 可拆卸
Power Supply	Battery(7.3V), EZVIZ Doorbell Solar Panel
Product Dimension	175 x 86x 34mm
Net Weight	
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 the power
SD card	Supports up to 512GB (EZVIZ 64G MicroSD card included in the package)
Network Parameters	
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud 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)
Power Supply	12-24VDC 1A power supply, adaptor (12V 1A included in package)
Power Consumption	8W, Max. 12W
Product Dimensions	180x 112x 15 mm
Net Weight	
Solar Panel	
Performance Parameter	
Power Voltage	8.1V max
Max. Power Current	240mA
Max. Power	1.2W
Operation Temperature	-20°C -50° C
IP Grade	IP65
Product Dimensions	126*59*44mm
Net Weight	
General	
Net Weight in Total	
Weight with Package	