

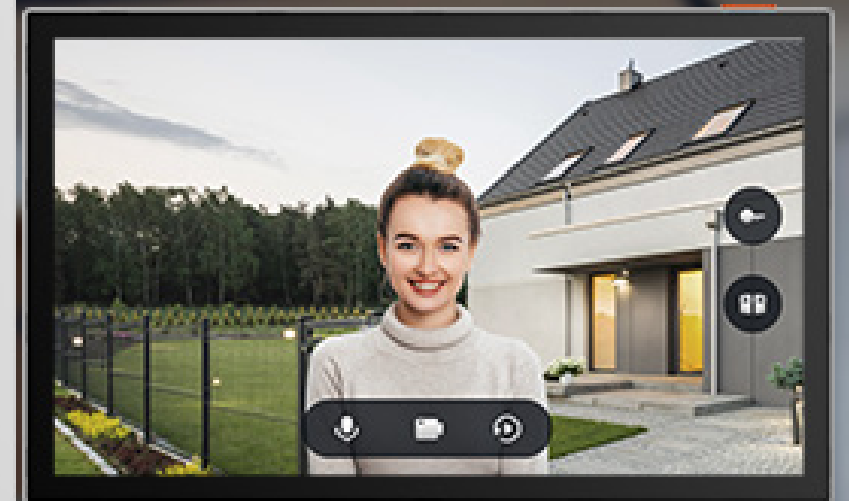


# HP7 2-Entry Kit 2K

## Smart Home Video Doorphone System

### Double-door protection, all in one smart kit

The HP7 2-Entry Kit is designed for households with more than one way in or out. Instead of juggling separate devices, this kit gives you two video doorphones in one smart system, both with 2K ultra-clear video so you never miss a detail. No matter which door someone approaches, you'll get instant activity alerts and can manage each entrance independently with just a tap in the EZVIZ App. It's the simplest way to keep both doors secure, without the hassle of multiple setups.



Dual-Entry System for Family with 2 Doors (2 doorphones included)



7-Inch Color Touch Screen



Remote Door/Gate Unlocking<sup>1</sup>



2-Wire



QR Code Unlocking



2K Resolution



Smart Human Motion Detection



Remote Controls via the EZVIZ App



Smart RFID Unlocking (5 tags included)



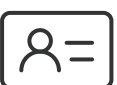
Two-Way Talk



Supports Dual-Band Wi-Fi 6 (2.4 / 5 GHz)



Built-In Doorbell (with multiple ringtones)



4 Name Cards Included



Weatherproof Design



Supports MicroSD Card (up to 512 GB) & EZVIZ CloudPlay Storage<sup>2</sup>



## Simple yet reliable, in a two-unit system

Many homes have multiple entrances, and a single doorbell can't cover them all. The HP7 2-Entry Kit comes with two 2K video doorphones, helping you see live feeds from both doors at the same time, so you can greet guests, check deliveries, or watch over kids effortlessly, all from one easy-to-use system.



## An all-in-one touch monitor to communicate & control

The 7-inch color touch screen is where you set up and manage your outdoor doorphone, respond to visitors, and save important video clips. Whenever a visitor rings your door, the indoor screen will automatically light up to let you know who's outside.

### **Versatile features**

**Crisp live viewing**

**Two-way talk**

**Gate / door unlocking**

**Video history and storage**

(Supports microSD card of up to 512 GB)





# Built to be reliable for houses and villas

Upgrade your home effortlessly with two 2-wire doorphones that turn existing intercoms into a smart, two-entrance access system. No rewiring, no hassle — just simple DIY installation, seamless control, and smarter security with minimal disruption.



**2-Wire Installation**  
(Also compatible with 4-wire systems)

## Wire Length

|  | $\varnothing\ 2\times0.75\ \text{mm}^2$ | $\varnothing\ 2\times1.5\ \text{mm}^2$ | Twisted Pair (TP) |
|--|---|--|-------------------|
|  | 0-50 m                                  | 0 -100 m                               | Up to 120 m       |
|  | 1-10 m                                  | 1-10 m                                 | 1-10 m            |



**Waterproof Doorphones**



**Gate / Door Dual Controls<sup>1</sup>**



## Manage your doors easily – even remotely

Heavy dangling keys can now be history. The HP7 provides far easier access controls while adding visual protection to verify your visitors.



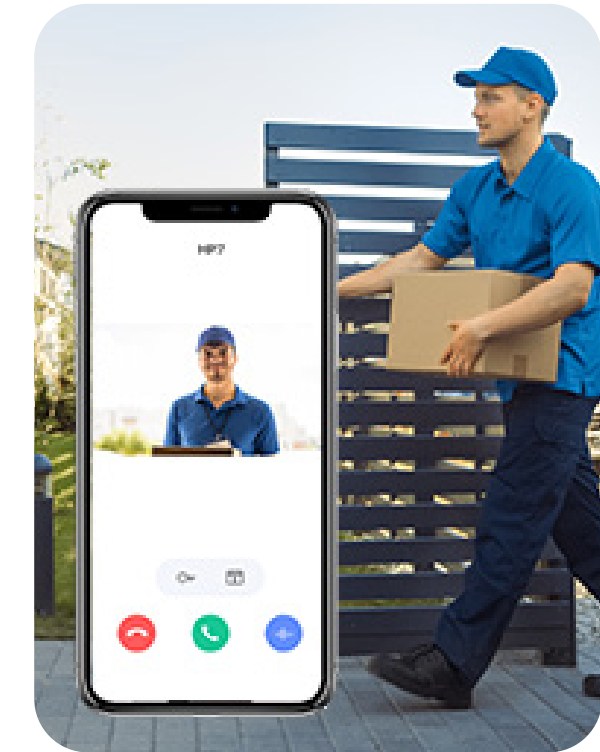
Swipe open with smart RFID  
(5 tags included)



Scan a visitor  
QR code



Unlock via the  
indoor monitor



Open the door using  
the EZVIZ App

## It's easier than ever to respond from afar

Even if you're not home, the HP7 makes sure you don't miss a visitor. You can always use your phone to stay connected, and open the door for guests remotely. When responding to uninvited strangers, you can enable change the voice feature to keep yourself unidentified and to add another layer of protection.



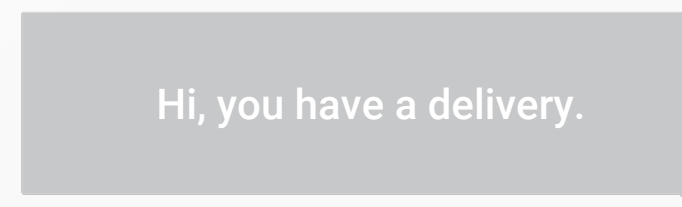
Two-Way Talk



Remote Unlocking  
via the EZVIZ App



Voice Changer for  
Privacy Protection



Thank you, please leave  
that outside the door.





# Stunning 2K



## Next-level vision for a home intercom

The HP7 is designed to render ultra-wide and clear imaging, from day to night. With a 162-degree viewing angle and 2K lens, you can easily see a postman from head to toe without pixelated or blurry details. The HP7 camera also provides 5-meter infrared night vision for peace-of-mind 24/7.

## Enhanced security with smart human motion detection

Whenever the HP7 video doorbell detects human activity at your front door, it will send you mobile notifications right away in case there's an uninvited guest. You can always fine-tune the detection sensitivity and set up specific detection zones to reduce unwanted alerts.



**Smart Human Motion Detection**



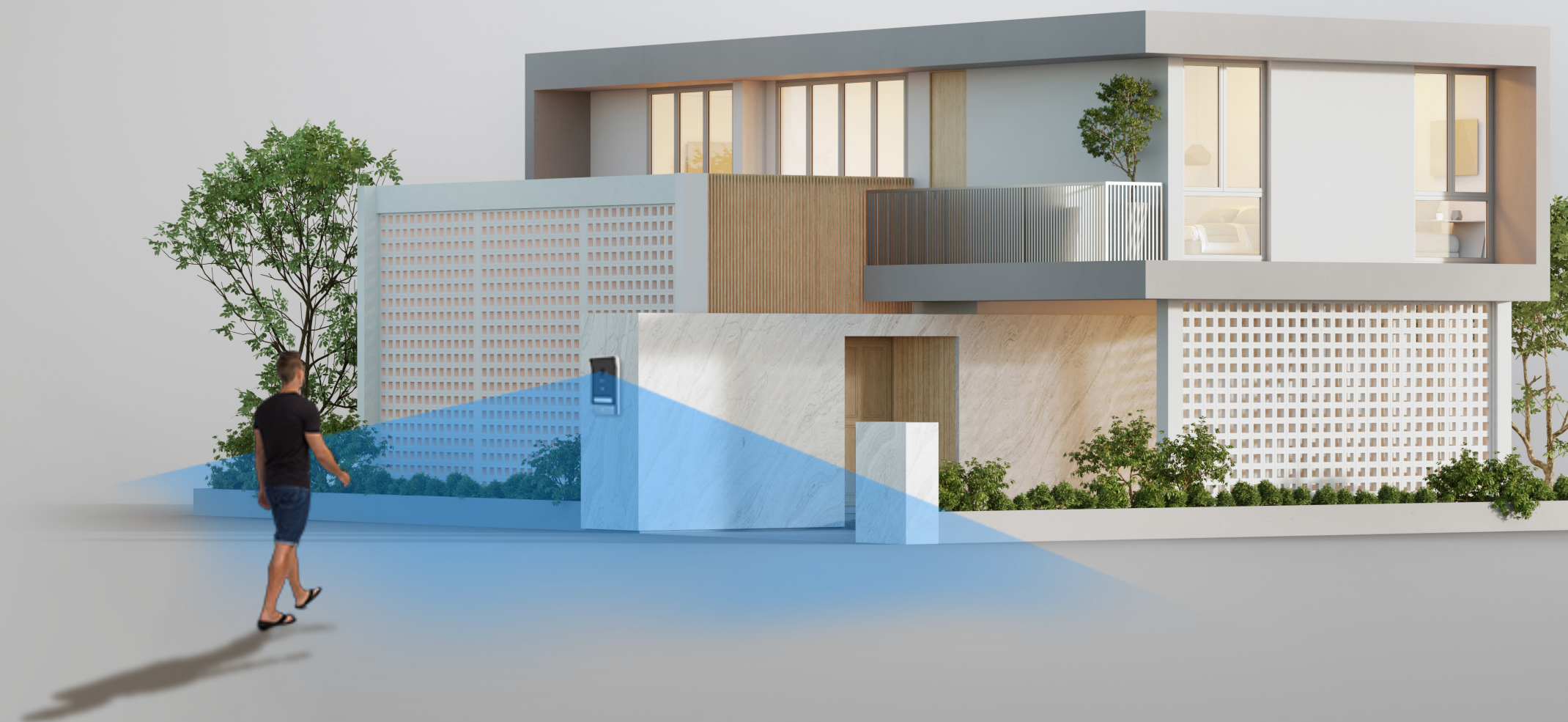
**Adjustable Detection Sensibility**



**Customizable Detection Zone**

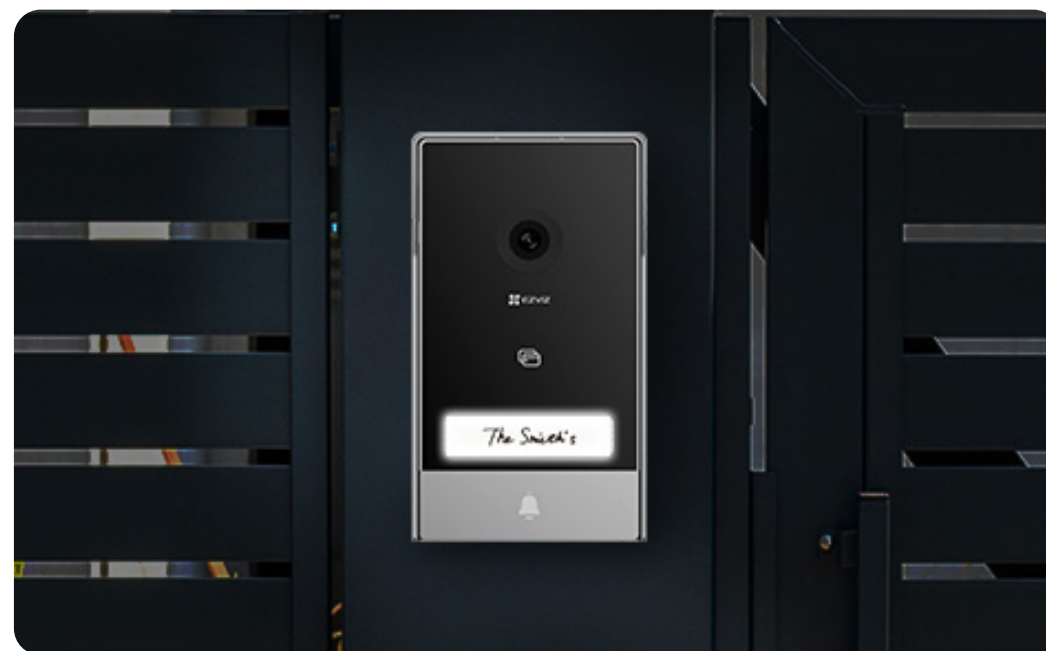


**No Subscription Fee**





## Thoughtful features for additional convenience



Know the right door to  
knock with backlit name cards



Customize your pleasant ring with  
multiple ringtone choices<sup>3</sup>

## Elegant design elevates your doors

The HP7 adopts a refined, minimalist look, with a simple, consistent glossy black for both devices. A standout from traditional intercoms, the HP7 satisfies modern tastes for a stylish home. The indoor monitor screen also maximizes the touch area, enhancing the whole user experience.





## Steady connection for boosted performance

To maximize the connected experience with remote controls, you can connect the indoor monitor to either the 2.4 or 5 GHz band. Enjoy strong Wi-Fi with lower latency, larger bandwidth, and a stable signal.



## Enhanced viewing pleasure with smaller video files

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded videos. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology reduces their sizes by up to 50%.<sup>4</sup>

**50%** ↓  
Video Storage Space

**50%** ↓  
Required Bandwidth





## Extra-large, safe storage options that you can trust

You can secure your recorded videos on a local microSD card of up to 512 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage.<sup>2</sup>



Supports MicroSD Card

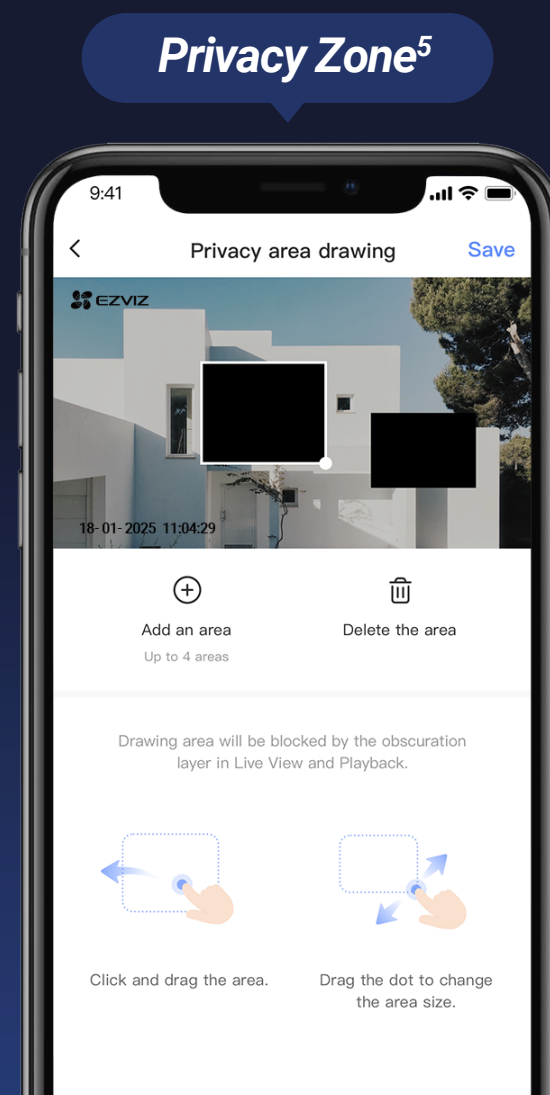


Supports EZVIZ CloudPlay Storage

## We're committed to protecting with trust

We put security as the primary goal of every product and system that we build. We have also developed various privacy features and flexible settings that you can use at any time to feel even safer.

[Learn more about our security practices >](#)



**End-to-end  
Data Encryption**

**AES**  
Data Encryption

**TLS**  
Data Transmission  
Encryption

Our global certifications in the fields of **information security, privacy information security, and cloud security**





1 To check the installation requirements and product compatibility, please refer to the User Manual for detailed information.

2 The local storage card must be purchased separately. The cloud storage service is only available in certain markets. Please verify the availability before making a purchase.

3 Users are able to customize the ringtone sent by the indoor display by touch controls or via the EZVIZ App. The outdoor doorbell only provides one default ringtone and cannot be customized.

4 Data from EZVIZ Lab's test results under standard conditions. The video compression efficiency will vary with the frequency and complexity of the activity captured, and other environmental factors.

5 Users can draw in rectangles to customize up to 4 privacy zones.



# Specifications

CS-HP7-R110-2W2TFC

## 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 × 2 (max. 6m) |
| Max. Resolution   | 2K (2048 × 1296)  |
| DNR               | 2D / 3D DNR   |
| Video Compression | H.265 / H.264   |
| Frame Rate        | Max: 15fps; self-adaptive during network transmission                 |

## Outdoor Doorbell Interface

|                 |  |
|-----------------|--|
| Audio Input     | Built-in high-sensitivity microphone   |
| Audio Output    | Built-in high-power speaker  |
| Doorbell Button | Supports, 1 button. Can set the light on or off.   |
| Name Card       | Supports, handwritten. 3 cards stickers included (1 sticker already on the intercom panel).                                    |
| Terminal        | Two wiring ports to connect screen.<br>Two wiring ports to connect gate.<br>Two wiring ports to connect electric strike plate. |

## Functions

|                   |  |
|-------------------|--|
| Intelligent Alarm | Smart human motion detection; loitering Card |
| Tamper Alarm      | Supports                                     |
| Video Intercom    | Long-distance video two-way talk             |

## Connection and Function

|                                |   |
|--------------------------------|---|
| Connection Method              | Wired connection (2-Wired, capable with 4-Wired), Digital signal transmission   |
| Transmission Distance          | Φ 2 x 0.75mm <sup>2</sup> , max.50m<br>Φ 2 x 1.5mm <sup>2</sup> , max.100m<br>Twisted pair , max.120m   |
| Open the Door (Gate)           | Supports. 2 wiring ports. 1-10m distance.<br>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) | Supports. 2 wiring ports. 1-10m distance.<br>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 (CPU card × 5 pcs)<br>2.App remote unlock<br>3.Indoor display unlock  |

## General

|                          |   |
|--------------------------|---|
| Operation Conditions     | -30°C to 60°C , Humidity 95% or less (non-condensing) |
| Ingress Protection Grade | Waterproof, with shield cover                         |
| Size                     | 161 × 87 × 20mm (6.34 × 3.43 × 0.87 inch)             |
| Power Supply             | 24V DC from screen                                    |

## Interior Display

|              |                 |
|--------------|-----------------|
| Display Size | 7” touch screen |
| Resolution   | 1024 × 600      |



# Specifications

CS-HP7-R110-2W2TFC

## 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 1st outdoor doorbell.<br>Two wiring ports to connect 2nd outdoor doorbell.<br>Two wiring ports to connect extra interior screen.<br>(not include the kit) |
| SD Card      | Supports 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    | 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: 855 g (30.16 oz)                         |
| Size                 | 180 × 111 × 15 mm (7.09 × 4.37 × 0.59 inch)          |
| Power Supply         | DC 24V 1A power supply, adaptor (100-240Vac)         |
| Power Consumption    | 8W, Max. 24W   |



## In the box

- Monitor
- Wall Bracket for Monitor
- Power Adapter for Monitor
- Drill Template for Monitor
- Intercom Panel (Doorbell) with a Weather-Proof Shield × 2
- Drill Template for Intercom Panel × 2
- Screwdriver
- Badge × 5
- Screw Kit × 3
- Name Card × 4
- Wires and Wire Connectors × 2
- DC 24V Power Supply Jack Connector Cable
- Regulatory Information × 2
- Quick Start Guide

## Certifications

CE / REACH / WEEE / RoHS

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