EZVIZ™

# TP5 PoE Kit

3K

Smart PoE Video Doorphone

# Smarter Entry, Powered by PoE

Meet the TP5 PoE Kit, an all-in-one smart doorphone solution designed to make upgrading your front door easier than ever. Complete with an included PoE switch, it's ready to install with a single Ethernet cable for both power and network—ensuring a cleaner setup and reliable performance. Stay connected through the 7-inch touchscreen or the EZVIZ App to see, talk to, and replay every visit, while multiple unlocking methods and smart human detection make everyday entry more convenient, secure, and reliable.

Key Features

PoE Deployment

PoE Switch Included

Flexible Multi-Device Pairing[1]

3K Resolution

7-Inch Color Screen

Smart Human Motion Detection

Gate-Opening and Unlocking[2]

Supports Password & Smart RFID Entry

QR Code Unlocking

Control Other EZVIZ Devices via Indoor Screen

Backup Network & Power Options

App Remote Control

Two-Way Talk

Weatherproof Design

Supports Local (Up to 512 GB) & EZVIZ CloudPlay Storage[3]

### PoE Deployment & PoE Switch Included

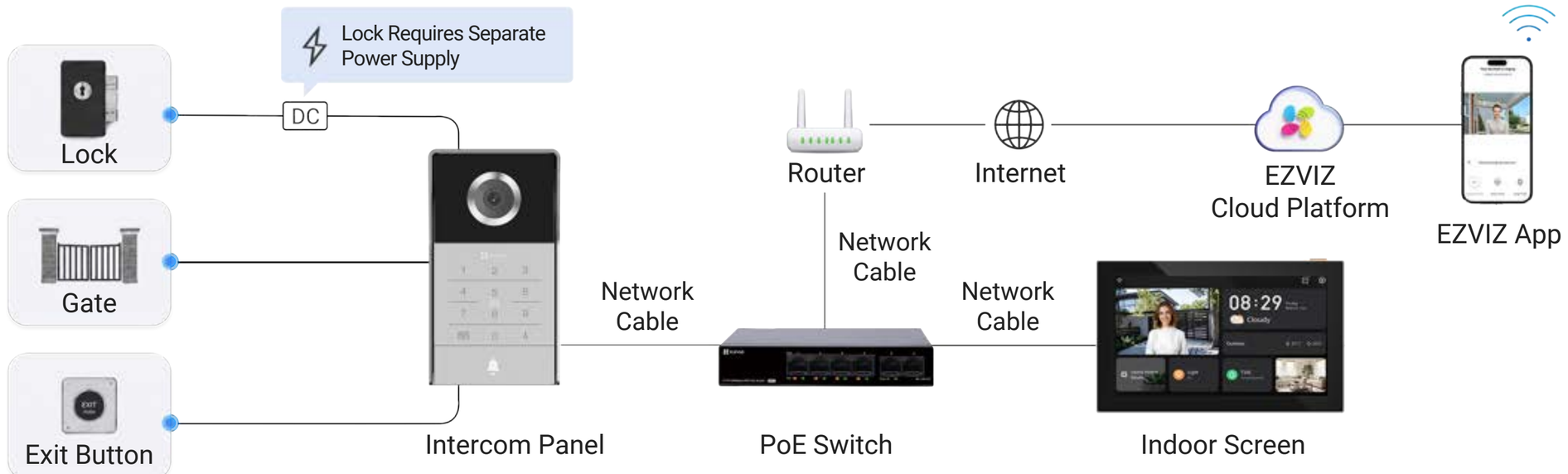
# One Cable, Less Hassle

The included PoE switch makes installation easier right out of the box. With just one Ethernet cable delivering both power and network, TP5 PoE Kit ensures a cleaner setup, fewer cables, and reliable connectivity—without extra adapters or complicated wiring.










* Recommended wire length between the intercom panel and the lock, gate, or exit button: 1–10 m.

**Flexible Multi-Device Pairing**

# Expand Your System, Your Way

Designed to grow with your home, TP5 PoE lets you easily expand your system with additional outdoor intercom panels and indoor screens. Support for up to 4 intercom panels and 8 indoor screens ensures flexible coverage for larger homes and multiple entrances.

## Expand as You Need



Up to

**4** Intercom Panels Can Be Paired



Up to

**8** Indoor Screens Can Be Paired




Note: Pairing requires devices to be on the same network and account.

**Multiple Ways to Unlock**

# Access Your Home, Your Way

Unlock the way that works best for you. Whether entering with a passcode or RFID card, tapping the indoor touch screen, granting remote access through the EZVIZ App, or sharing a temporary QR code with visitors, TP5 makes every arrival effortless and every visit easy to manage.

**Enter the password even if you forget your phone**



**Swipe open with smart RFID by less tech-savvy families**
(2 tags included)



**Tap the touch screen to open the gate**



**Grant access to your visitors remotely on your phone**



**Scan the QR code by temporary visitors**



**Crystal-Clear 3K Resolution**

# Your Front Door Deserves Every Detail

The advanced 3K (5MP) camera captures your entrance in exceptional detail, making faces, packages, and surroundings easier to recognize. Paired with the 7-inch touch screen, every image appears crisp, vivid, and true to life.



**7-Inch Color Touch Screen**

# One Screen, Complete Front-Door Control

The intuitive 7-inch touch screen brings everyday front-door management together in one place. Enjoy crystal-clear live viewing, communicate with visitors, unlock your gate or door, and access video history whenever you need it.




## Versatile features

| | | |
|---|---|---|
| Crisp live viewing | Gate/Door unlock[2] | Video history and storage (supports local storage of up to 512 GB) |

**Smart Human Motion Detection**

# Stay Focused on What Matters Most

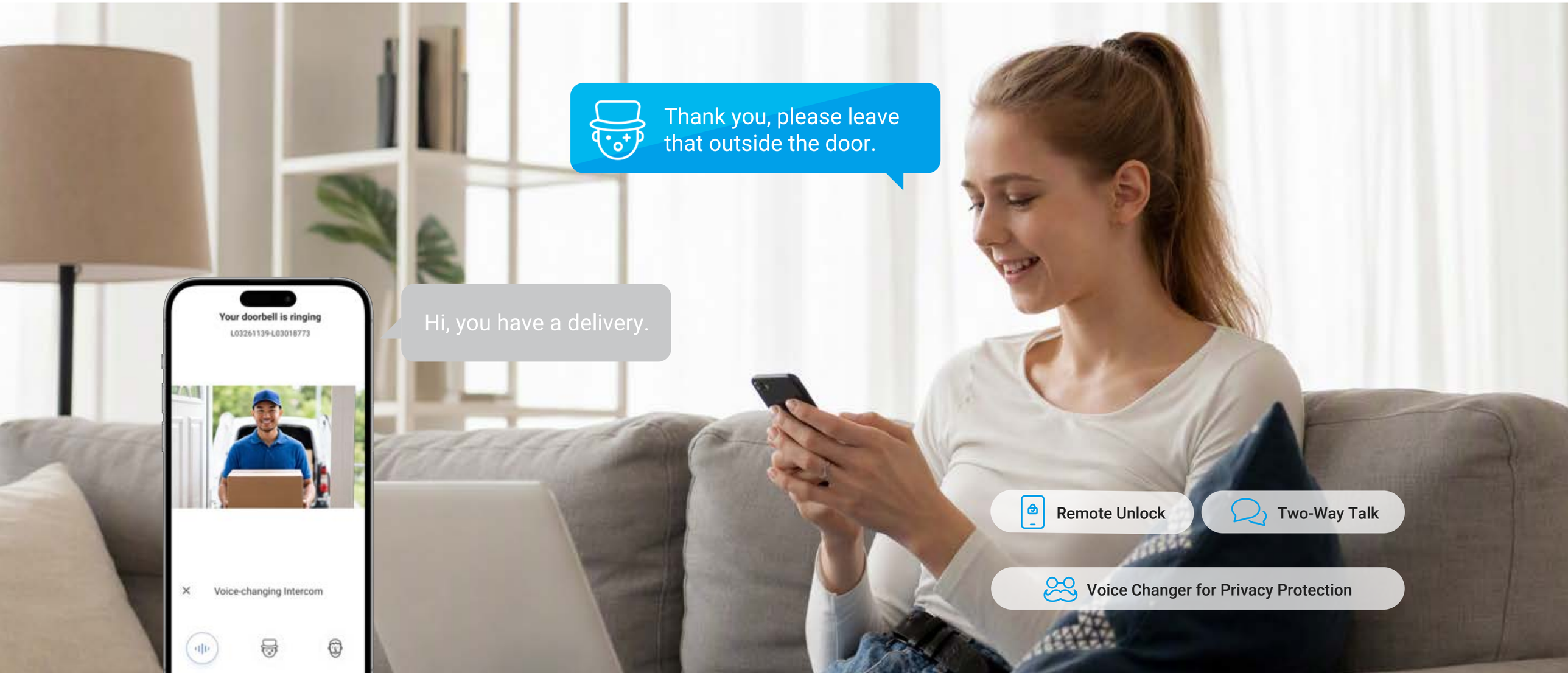
The TP5 not only gives you a clearer view of your front door, but also keeps you informed of what matters. When human activity is detected, it instantly sends mobile alerts so you never miss an important arrival. Easily adjust the detection sensitivity and customize detection zones to reduce unwanted notifications.



**Two-Way Talk with Voice Changing**

# Respond with Confidence, Wherever You Are

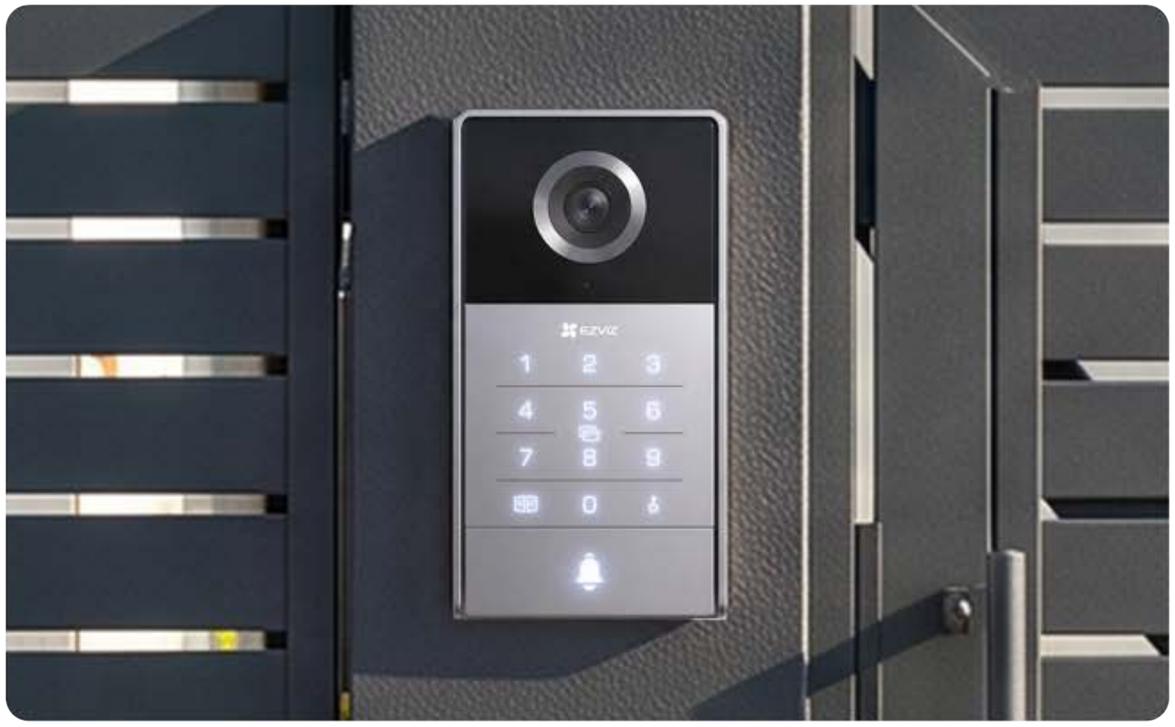
Whether you're at home or away, TP5 lets you stay connected to every visitor through the EZVIZ App. Talk to guests in real time, unlock the door remotely when needed, and enable voice changing when speaking with unfamiliar visitors to help protect your identity and enjoy greater peace of mind.



**Backlights Keypad & Multiple Ringtones**

# Thoughtful Details for Everyday Convenience

From day to night, every interaction feels more enjoyable. The backlit keypad makes entering a passcode or pressing the doorbell easy, even in low light, while multiple ringtone options let you personalize alerts to match your preferences.



Backlit Doorbell Button & Keypad



Customize your pleasant ring with multiple ringtone choices[4]

**Refined Minimalist Design**

# Designed to Complement Every Modern Home

With a sleek, minimalist design and a premium matte finish, TP5 PoE blends seamlessly into modern living spaces. The weatherproof outdoor intercom panel is built to withstand the elements, while the edge-to-edge touch screen maximizes the viewing and interaction area for a cleaner look and a more intuitive user experience.






### Backup Network & Power Options

# Stay Connected with Greater Flexibility

In addition to PoE, TP5 supports alternative power and network connections, giving you greater installation flexibility while providing reliable backup to keep your system running when needed.

## Intercom Panel

### Option 1: Connect to a PoE port.

Connect the PoE port of the intercom panel to a PoE port on a PoE switch for both power and network connection.



### Option 2: Connect to a LAN port and a reserved DC 12 V power supply.

Connect the PoE port of the intercom panel to a LAN port on a switch or router for network connection.Connect the power terminals to a reserved DC 12 V power supply (via the wire connector included in the package).



# Indoor Screen

## Option 1: Connect to a PoE port.

Connect the PoE port of the screen to a PoE port on a PoE switch for both power and network connection.




## Option 2: Connect to a LAN port and a reserved DC 12 V power supply.

Connect the PoE port of the screen to a LAN port on a switch or router for network connection and a reserved DC 12 V power supply.



## Option 3: Connect to a LAN port and a power outlet.

Connect the PoE port of the screen to a LAN port on a switch or router for network connection and a power outlet via a DC 12 V power adapter (purchase separately) for power supply.




## Option 4: Connect to Wi-Fi and a power supply.

Connect the screen to Wi-Fi and a power supply, either a reserved DC 12 V power supply or a power outlet via a DC 12 V power adapter (purchase separately).



**Control Other EZVIZ Devices via Indoor Screen**

# A Central Hub for Smarter Home Security[5]

Keep your home security connected through the elegant and compact touch screen. Its intuitive dashboard lets you easily control and manage all your compatible EZVIZ security devices from one place. Designed for broad compatibility with existing gate opener and lock systems, TP5 PoE makes upgrading your entrance simpler while helping you keep your current setup.



H.265 Video Compression

# Enhanced Viewing Pleasure with Smaller Video Files

Compared to the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience. 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%[6].

**50%**
Video Storage Space

**50%**
Required Bandwidth



**Local & Cloud Storage**

# Trusts on Your Extra-Large, Safe Storage Options

You can secure your recorded videos on a local storage of up to 512 GB,
or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage.




Supports Local Storage[3]

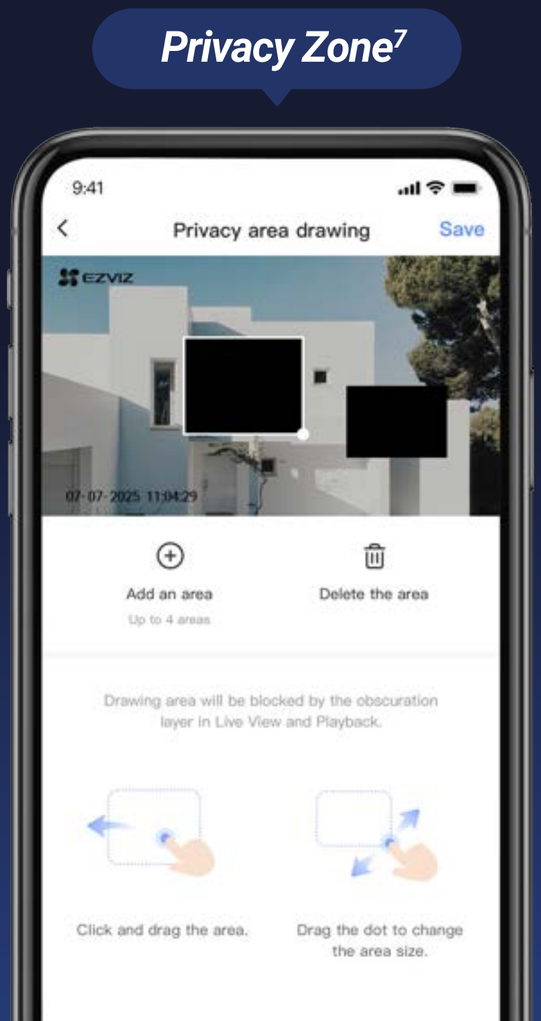


Supports EZVIZ CloudPlay Storage[3]

# 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***

ISO/IEC 27001 · ISO 27017 · ISO 27018 · ISO 29151 · ISO/IEC 27701 · ISO/IEC 20000 · ISO 38505 · ISO 22301 · CSA STAR · SOC

1 Supports pairing with up to 4 intercom panels and 8 indoor screens under the same local network.

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

3 This device is compatible with standard local storage cards widely available on the market, supporting capacities from 16 GB to 512 GB. The local storage card must be purchased separately. To ensure reliable read/write performance and device stability, a branded storage card with a speed class of Class 10 or above is recommended. The cloud storage service is only available in certain markets. Please verify the availability before making any purchase.

4 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.

5 Please note that the TP5 screen only supports managing EZVIZ devices.

6 Data from EZVIZ Lab's test results under standard conditions. Will vary with the frequency and complexity of the activity captured, and other environmental factors.

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

# Specifications CS-TP5-R100-4W2TFC（Outdoor Intercom Panel）

## Image & Video Parameters

| | |
|---|---|
| Image Sensor | 1/2.8" progressive scan CMOS<br>(supports low light sensitivity) |
| Lens | 2.0 mm @ F1.6,view angle (diagonal): 158° |
| Day & Night | IR-cut filter with auto-switching |
| Max. Resolution | 2880 × 1616 (3K) |
| IR Night Vision | 5 m (16.4 ft) |
| DNR | 2D/3D DNR |
| Video Compression | H.265 / H.264 |
| Frame Rate | Max: 15 fps; self-adaptive during network transmission |

## Audio Parameters

| | |
|---|---|
| Audio Input | Built-in high-sensitivity microphone |
| Audio Output | Built-in high-power speaker |

## Smart Features

| | |
|---|---|
| Smart Detection | Smart human motion detection |
| Video Intercom | Long-distance video two way talk |
| Storage | Supports local storage card (up to 512 GB)<br>on indoor screen & EZVIZ cloud storage |

## Interfaces & Connections

| | |
|---|---|
| Network Port | 1 RJ-45 10/100 Mbps self-adaptive<br>Connect to a PoE switch or router for<br>a wired network connection |
| Terminal Blocks | 10 pins (wire connector included);<br>Two wiring ports for independent power supply<br>(12 V DC, GND);<br>Three wiring ports for electric strike plate connection<br>(NC1, NO1, COM1);<br>Three wiring ports for gate connection (NC2, NO2, COM2);<br>Two wiring ports for exit button connection (PUSH, GND) |
| Doorbell Button | Support 1 button. Can set the light on or off. |
| Connection Method | PoE Connection (also support independent DC 12 V power supply and network cable connection as a backup solution);<br>Digital signal transmission |
| Max. Screen Supported | Up to 8 |
| Transmission Distance | Max 100 m |
| Open the Door (Gate) | Supports 2 wiring ports, 1-10 m 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: 12 V / 2 A |
| Unlock (Electric strike plate) | Supports 2 wiring ports, 1-10m distance.<br>The electric strike plate or lock connected must feature mechanical memory functionality. Additionally, it requires an independent power supply, with a recommended operating voltage of DC 12 V and an inrush current not exceeding 5 A. |
| Door / Lock Open Method | 1.RFID badge unlock (CPU card x 2 pcs)<br>2.App remote unlock<br>3.Indoor screen unlock<br>4. Password unlock<br>5. QR code unlock |

## Network Parameters

| | |
|---|---|
| Wired Network | 10/100 Mbps Ethernet |
| Network Protocol | TCP/IP, EZVIZ cloud proprietary protocol,<br>EZVIZ EZCONNECT protocol |
| Interface Protocol | EZVIZ cloud proprietary protocol |

# Specifications CS-TP5-R100-4W2TFC（Outdoor Intercom Panel）

## General

| | |
|---|---|
| Operation Conditions | -30°C to 60°C, humidity 95% or less (non-condensing) |
| Ingress Protection Grade | Weatherproof, with shield cover |
| Power Supply | IEEE 802.3af, standard PoE<br>12 V DC, 1.5 A |
| Power Consumption | <8 W |

# Specifications CS-TP5-R100-4W2TFC（Indoor Screen）

## Screen Parameters

| | |
|---|---|
| Screen Size | 7-inch touchscreen |
| Resolution | 1024 × 600 |

## Audio Parameters

| | |
|---|---|
| Audio Input | Built-in high-sensitivity microphone |
| Audio Output | Built-in high-power speaker |

## Smart Features

| | |
|---|---|
| Multiple Ringtones | Up to 20 ringtones |
| Functions | Live view, playback, two-way talk, video call |
| Storage | Supports local storage card (up to 512 GB) |

## Interfaces & Connections

| | |
|---|---|
| Network Port | 1 RJ-45 10/100 Mbps self-adaptive<br>Connect to a PoE switch or router for<br>a wired network connection |
| Button | Screen on/off button |
| Terminal Blocks | Two wiring ports for independent power supply<br>(12 V DC, GND) |
| Connection Method | PoE connection (also supports independent DC<br>12 V power supply and network cable connection / 2.4 GHz<br>and 5 GHz dual-band Wi-Fi as a backup solution);<br>Digital signal transmission |
| Max. Intercom Panel Supported | Up to 4 |
| Transmission Distance | Max 100 m |

## Network Parameters

| | |
|---|---|
| Wi-Fi Standard | IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac |
| Frequency Range | 2.4 GHz ~ 2.4835 GHz, 5.15 GHz ~ 5.35 GHz,<br>5.47 GHz ~ 5.725 GHz |
| Channel Bandwidth | Supports 20 MHz @ 2.4 GHz and 80 MHz @ 5 GHz |
| Security | WPA/WPA2/WPA3,WPA-PSK/WPA2-PSK/WPA3-PSK |
| Transmission Rate | 11b: 11 Mbps,11g: 54 Mbps,11a: 54 Mbps, 11n: MCS7,<br>11ac: MCS9, 11ax: MCS11 |

## General

| | |
|---|---|
| Operation Conditions | -10°C to 45°C, Humidity 95% or Less (Non-Condensing) |
| Power Supply | IEEE 802.3af, Standard PoE<br>12 V DC, 1.5 A |
| Power Consumption | < 8 W |

# Specifications CS-TP5-R100-4W2TFC（PoE Switch）

## Network Parameters

| | |
|---|---|
| Ports | 4 x PoE Port, 2 x Uplink RJ45 Port |
| Wired Network | 10/100 Mbps Ethernet |
| Network Protocol | TCP/IP |
| MAC Address Table | 1K |
| Switching Capacity | 1.2 Gbps |
| Packet Forwarding Rate | 0.89 Mbps |
| InternalCache | 448 Kbit |

## Software Function

| | |
|---|---|
| Long Range | Port 1 to 4: up to 100 m<br>Long range performance may vary depend on connected model or cable condition |

## PoE Power Supply

| | |
|---|---|
| PoE Standard | IEEE 802.3af, IEEE 802.3at |
| PoE Port | PoE: Port 1 to 4 |
| Uplink Port | RJ45: Port 5 to 6 |
| PoE Port Budget | 60 W |

## General

| | |
|---|---|
| Shell | Metal |
| Operation Conditions | 0°C to 40°C, humidity 90% or less (non-condensing) |
| Power Supply | 100-240 V AC, 50/60 Hz |
| Power Consumption | 1.2 W, Max 64.1 W |
| Surge Protection | Common mode ±4 KV, Differential mode ±2 KV |

## General (TP5 PoE Kit)

| | |
|---|---|
| Product Size | 210.35 × 42.49 × 91.4 mm (Intercom panel)<br>180.3 × 111.6 × 18.6 mm (Indoor screen)<br>140 × 76.7 × 28 mm (PoE switch) |
| Packaging Size | 420 × 226 × 83 mm |
| Net Weight | 457 g (Intercom panel)<br>319 g (Indoor screen)<br>341 g (PoE switch) |
| Weight with Package | 2195 g |

## In the box

- 7-Inch Touchscreen x (1)
- Intercom Panel with a Weatherproof Shield x (1)
- PoE Switch x (1)
- Power Cable x (1)
- Wall Bracket for Screen x (1)
- Drill Template for Screen x (1)
- Drill Template for Intercom Panel x (1)
- Badge x (2)
- Spare Attachment Screws for Intercom Panel x (2)
- Screwdriver x (1)
- Wire Connector x (1)
- DC 12 V Power Supply Jack Connector Cable x (1)
- Screw Kit x (2)
- Regulatory Information x (3)
- Quick Start Guide x (2)

## Certifications

CE / WEEE / RoHS / REACH

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