




TP7 **2K**

Smart Home Video Doorphone

An interconnected kit for a smarter home entrance

Meet the TP7, the exceptional kit of a smart doorphone, an easy keypad, and an advanced touch monitor that redefines front-door communication for modern smart living. You can now easily get in and out in a keyless way, and manage access for different visitors remotely. With all the useful features that your old intercom can hardly provide, the TP7 is stylish in design, easy to install and internet-connected to elevate your home security like never before.





 2K Resolution with IR Night Vision

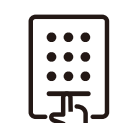
 7-Inch Color Touch Screen


 Remote Door/Gate Unlock¹

 2-Wire


 Smart Human Motion Detection

 Two-Way Talk (Supports voice changer feature)


 Bluetooth Keypad Unlock

 Smart RFID Unlock (5 tags included)

 Built-In Doorbell with Multiple Ringtones

 Weatherproof Design²

 Supports 2.4 / 5 GHz Dual-Band Wi-Fi

 Supports MicroSD Card (Up to 512 GB) & EZVIZ CloudPlay Storage³

Built to be reliable for houses and villas


The TP7 is a well-thought-out solution for those seeking instant communication and enhanced security in a spacious residence. From effortlessly opening a gate for family and friends and answering deliveries remotely, to safeguarding your front door with high-quality video and smart detection features, the TP7 satisfies much more needs than your old intercom system.



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

Wire Length

Wire Type	Length Range
$\varnothing 2 \times 0.75 \text{ mm}^2$	0-50 m
$\varnothing 2 \times 1.5 \text{ mm}^2$	0 -100 m
Twisted Pair (TP)	Up to 120 m



Waterproof Outdoor Doorphone & Keypad



Gate/Door Dual Controls¹



Arriving home can be this easy

Entering your home is now faster and smoother than you'd imagine. Simply swipe open your door using a smart RFID card, or enter a passcode via the easy keypad. If you want to keep your pocket empty while out exercising, or if you are accidentally locked out of your house, the keypad ensures you can always get in easily.



Enter passcodes via the keypad



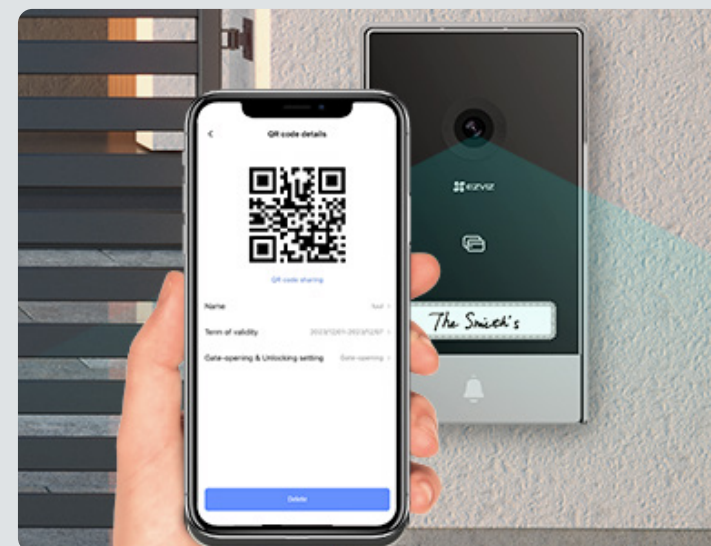
Swipe open with smart RFID
(5 tags included)

Hassle-free unlocking to welcome any guest

The TP7 makes it a lot easier to grant access to visitors, even if you're not home. You can either open the door for them remotely or create temporary passcodes or scannable QR codes for them to use on site – such features come in handy if you have a babysitter or dog walker that visits regularly.



Use temporary visitor codes



Scan a visitor QR code



Unlock via the indoor monitor



Open the door using the EZVIZ App

Connect and control with an all-in-one touch screen

Operating as the main control panel, the 7-inch touch screen lets you customize your doorphone's settings, facilitates distant communications, and stores motion-triggered snapshots and video recordings. When the doorbell is pressed, the indoor screen will simultaneously light up to let you know who's outside.

Versatile features

Crisp live viewing

Gate/Door unlock

Two-way talk

Video history and storage

(Supports microSD card of up to 512 GB)




It's easier than ever to respond from afar


Even if you're not home, the TP7 makes sure you don't miss a visitor. When responding to uninvited strangers, you can enable change the voice feature to keep yourself unidentified.

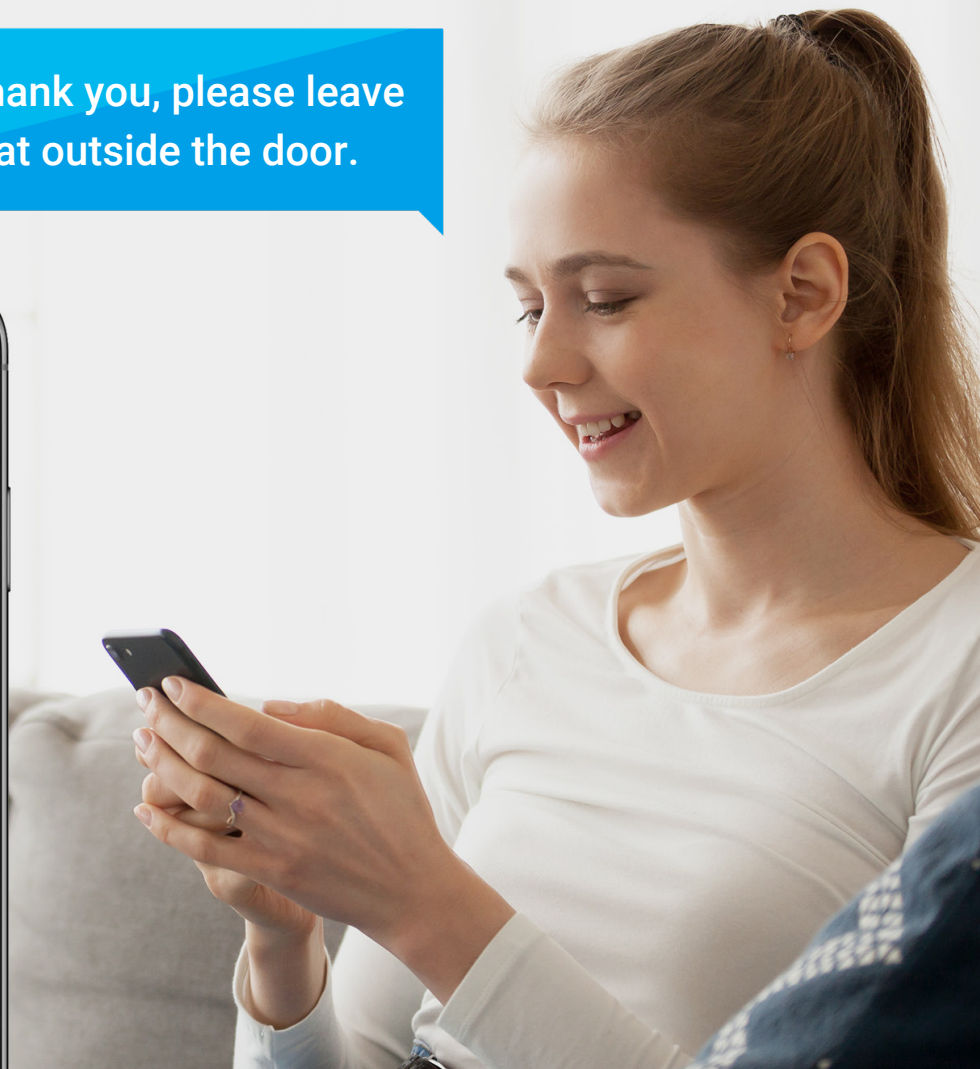
 Two-way Talk

 Remote Unlock

 Voice Changer for Privacy Protection

Hi, you have a delivery.

 Thank you, please leave that outside the door.





Stunning 2K




Capture details throughout the day


The TP7 offers sharp video coverage to watch over your property around the clock. With its wide 162-degree viewing angle and 2K lens, you clearly understand who's around and what's happening. Even in low-light conditions, the TP7 renders color night vision of up to 5 meters.

Stay informed of important activities

The TP7 not only helps you see better, but also works proactively to protect your household. Whenever it detects human activity at your front door, it promptly sends out mobile alerts in case of any unauthorized trespassing. You can adjust the detection sensitivity and draw specific zones to avoid unnecessary messages.

 Smart Human Motion Detection

 Customizable Detection Zone

 Adjustable Detection Sensibility

FREE No Subscription Fee



Thoughtful features for additional convenience



Know the right door to knock with backlit name cards
(3 name cards included)



Customize your pleasant ring with 20 different ringtone choices⁴

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 storage³.



Supports MicroSD Card



Supports EZVIZ CloudPlay Storage

Elegant design elevates your front door

The TP7 presents a sleek design across its package of three devices. Setting itself apart from traditional intercom system, the TP7 fits the needs for a simple yet refined home setting. The indoor monitor screen optimizes its touch interface for user-friendly interaction.



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.



2.4 GHz

5 GHz



Enhanced viewing pleasure with smaller video files

Compared against the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded footage. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology can reduce their sizes by up to 50%⁵.

50%
Video Storage Space

50%
Required Bandwidth

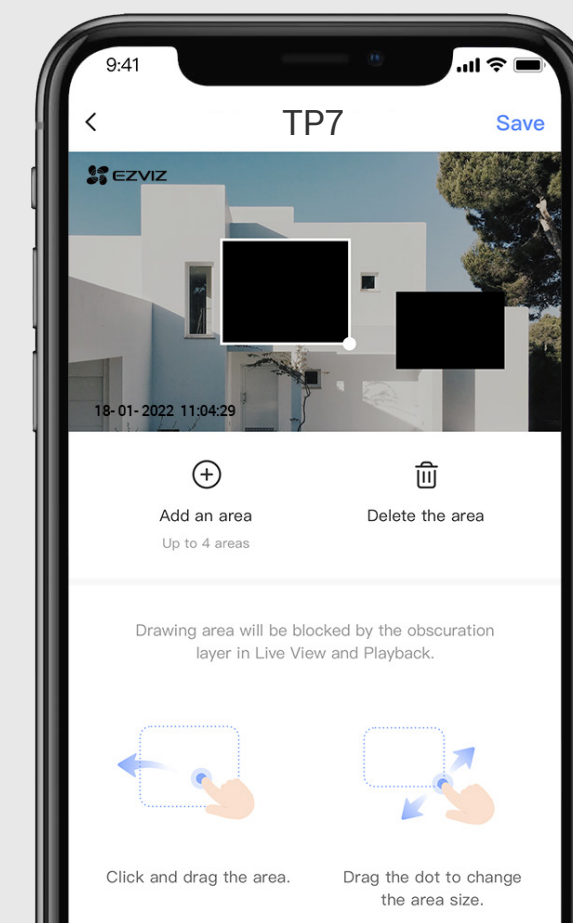
We do our best to protect your data and privacy

We design the product to respectfully protect your data and privacy. You can also set up no filming zones to make sure recording only happens when it's appropriate and allowed.



EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.

Privacy Zone⁶



AES-128
Data Encryption

TLS
Data Transmission Encryption

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

2 Only the outdoor video doorphone and the keypad are weatherproof. The touch screen needs to be installed indoors.

3 Local storage cards must be purchased separately. Cloud storage service is only available in certain market regions. Please verify availability before making a 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 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.

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

Specifications CS-TP7-R100-1W2TFC

Outdoor Doorbell

Image Sensor	1/2.7" Progressive Scan CMOS (Supports low light sensitivity)
Lens	2.0 mm @ F2.2,viewing angle: 162° (Diagonal)
Day & Night	IR-cut filter with auto-switching, 850nm infrared light x 2 (Max. 6 m)
Max. Resolution	2048 × 1296 (2K)
DNR	2D / 3D DNR
Video Compression	H.265 / H.264
Frame Rate	Max.15 fps; Self-Adaptive during network transmission

Connection and Function

Connection Method	Wired connection (2-wired, capable with 4-wired), Digital signal transmission
Transmission Distance	$\Phi 2 \times 0.75\text{mm}^2$, Max.50m $\Phi 2 \times 1.5\text{mm}^2$, Max.100m Twisted pair , Max.120m
Open the door (Gate)	Supports 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)	Supports 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 / 1.1A, other wise should do as user manual.
Door Open Methods	1.RFID badge unlock (CPU card × 5 pcs) 2.Bluetooth keyboard unlock 3.App remote unlock 4.Indoor display unlock 5.QR Code unlock

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). 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, Lingering Detection
Tamper Alarm	Supports
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	161 × 87 × 20mm

Specifications CS-TP7-R100-1W2TFC

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 1 st outdoor doorbell. Two wiring ports to connect 2 nd outdoor doorbell. Two wiring ports to connect extra interior screen (not include the kit)
SD card	Device supports up to 512 GB

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

Network Parameters

Interface Protocol	EZVIZ Cloud Proprietary Protocol
Protocol	EZVIZ Cloud Proprietary Protocol

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 With package 1825 g
Size	180 × 111 × 15 mm
Power Supply	DC 24V / 1A power supply, adaptor (100- 240Vac)
Power Consumption	8W, Max. 24W

Specifications CS-TP7-R100-1W2TFC

Bluetooth Keyboard

Panel Material	Metallic Aluminum
Dimensions	110 × 50 × 26.5mm
Weight	150g
Working Power	2 AA Alkaline Batteries
Working Temperature	-25°C ~ 70°C, 10%~95% Non-condensing
Working Humidity	IP65

Function

Password Unlocking	Supports (up to 5 groups, 6-10 bits can be set)
Anti-Pry Alert	Supports

In the box

- Monitor
- Bluetooth Keypad
- Wall Bracket for Monitor
- Transformer for Monitor
- Intercom Panel (Doorbell) with a Weather-proof Shield
- Drill Template for Intercom Panel
- Drill Template for Monitor
- Ferrite Core
- Name Card (x2)
- AA Battery (x2)
- Pin (x1)
- Screwdriver
- Badges (x5)
- Screw Kit (x3)
- Regulatory Information (x2)
- Quick Start Guide

Certifications

CE / WEEE / RoHS / REACH

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