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trenzu VD200

trenzu Smart Wireless Video Doorbell Camera

Model: VD200 - User Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your trenzu Smart Wireless Video Doorbell Camera, Model VD200. This device is designed to enhance your home security with features such as 1080P HD video, two-way audio, PIR AI human detection, night vision, and a 170° wide-angle view. It is battery-powered for wireless convenience and includes an indoor chime.

2. What's in the Box

- Door Bell Camera
- USB Cable
- User Manual
- Screws
- Self-Adhesive Tape

3. Product Overview

Familiarize yourself with the components of your trenzu Smart Wireless Video Doorbell system.



Image: The trenzu Smart Wireless Video Doorbell Camera and its accompanying wireless chime, shown alongside a smartphone displaying a video call from the doorbell.



Image: An overview of the doorbell's key features, including 1080p FHD Video, 170° Ultra Wide Angle View, Human Detection, Night Vision, 2.4GHz WiFi Compatibility, and Smartphone Alerts.

4. Setup

4.1. Charging the Doorbell

The doorbell is equipped with a 6800mAh rechargeable battery, providing up to 180 days of battery life under normal usage. Before initial use, fully charge the doorbell using the provided USB cable.

4.2. App Installation

Download and install the 'Smart Life' app on your smartphone or tablet. The app is available for both Android and iOS devices. Follow the in-app instructions to create an account and add your new doorbell device.

4.3. Pairing Doorbell and Chime

1. **Step 1: Initial Connection**
   Before setting up, ensure your video doorbell is connected to your phone via the app. Plug in your wireless indoor chime into a power outlet (an adapter needs to be purchased separately). Press the top button of the chime unit and the doorbell button simultaneously for 5-6 seconds to initiate pairing.



Image: Illustration of pressing the chime button and doorbell button simultaneously to pair the devices.

2. **Step 2-5: Chime Settings**
   Use the buttons on the chime unit to adjust settings. Press the middle button to adjust the ringtone volume. Press the bottom button to cycle through different ringtones and select your preferred one. Press the doorbell call button to confirm the selection, and the chime will play the chosen ringtone.



Image: Visual guide demonstrating how to adjust the chime's volume and select ringtones using its control buttons.

4.4. Installation (Mounting)

The doorbell can be installed using either screws or the provided double-sided adhesive tape.

1. **Step 6: Prepare for Mounting**
   Choose your desired mounting method: screws for a permanent fixture or double-sided tape for easier installation.
2. **Step 7: Install Mounting Plate**
   Install the mounting plate on the wall using the screws and anchors or the double-sided tape. Ensure the plate is level and securely attached.
3. **Step 8: Attach Doorbell**
   Fix the doorbell onto the installed mounting plate. Ensure it clicks into place securely.

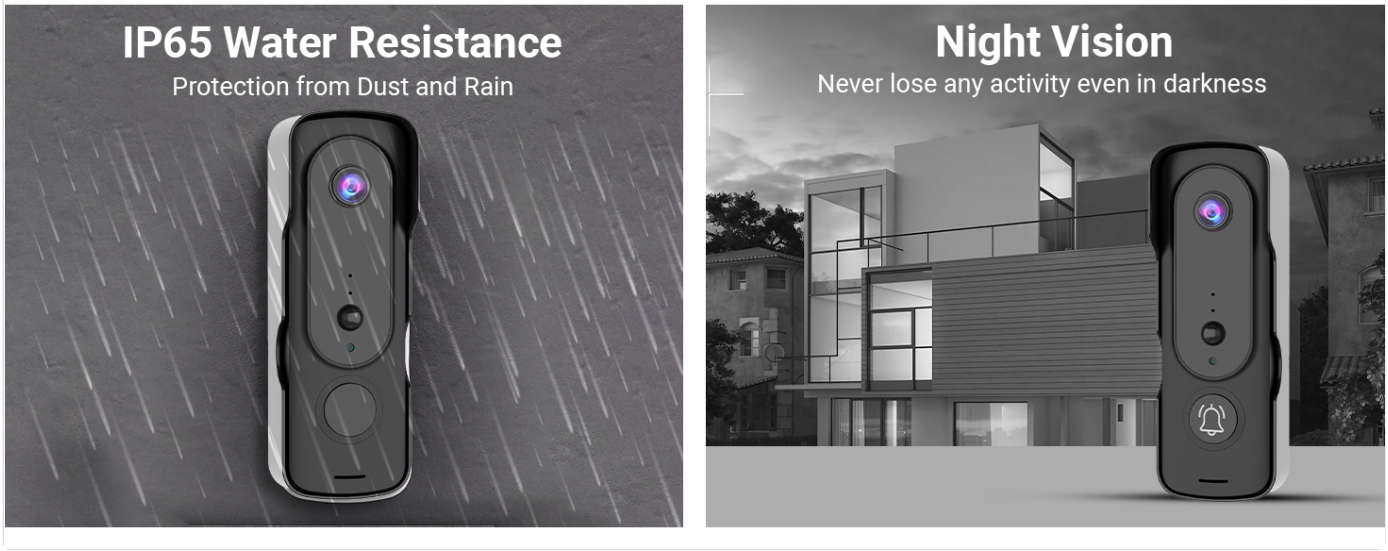


Image: A three-step visual guide showing how to mount the doorbell using either screws or adhesive tape, and then attaching the doorbell to the mounting plate.

5. Operating Instructions

5.1. Two-Way Audio Communication

When a visitor presses the doorbell, you will receive an instant alert on your smartphone. Open the 'Smart Life' app to view live video and engage in two-way audio communication with the visitor from anywhere.



Image: Depicts a delivery person at the door and a user interacting with them via the doorbell's two-way communication feature on a smartphone.

5.2. PIR AI Human Detection

The doorbell utilizes radar and PIR (Passive Infrared) sensors combined with AI human detection to minimize false alerts. It can distinguish between human figures and other objects, sending notifications only when a person is detected at your door.

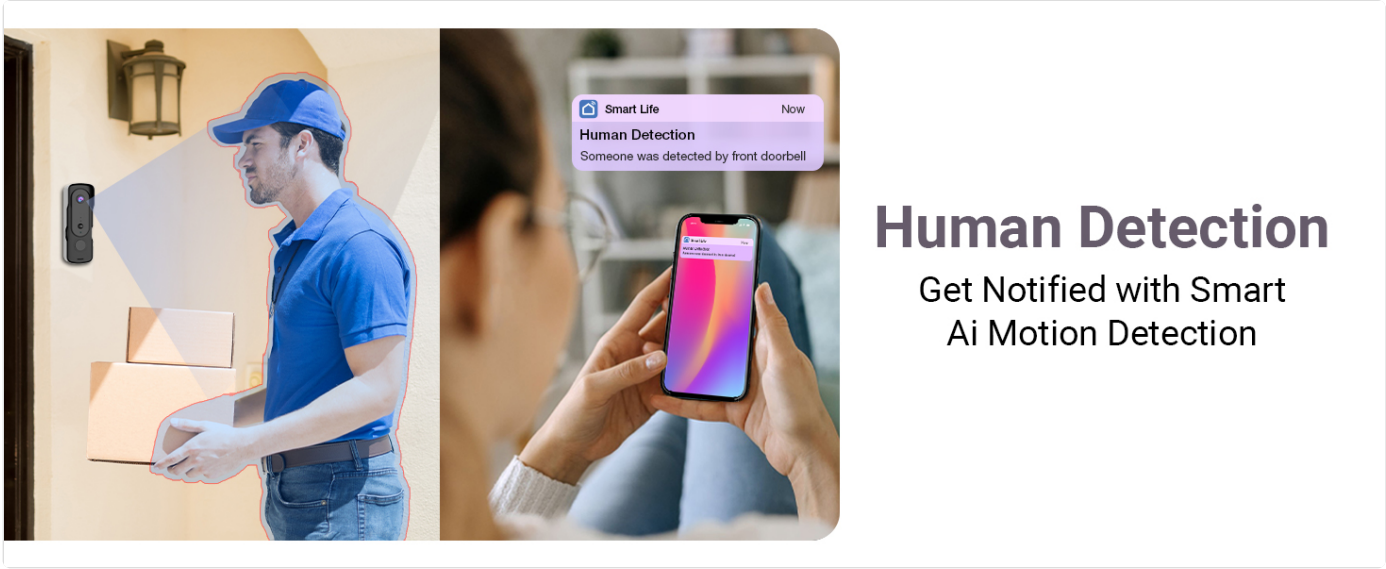


Image: Illustrates the human detection feature, showing a person approaching the door and a smartphone receiving a 'Human Detection' alert from the Smart Life app.

5.3. Night Vision

The doorbell camera provides 1080P FHD video quality and high-definition infrared night vision. It automatically switches between day and night modes to ensure clear visibility around the clock, even in low-light conditions.



Image: The doorbell camera positioned outside a modern home at night, highlighting its clear night vision capabilities.

5.4. Chime Operation

The wireless chime ensures you hear the doorbell ring inside your home. You can adjust its volume and select from various ringtones as described in the pairing section (4.3).

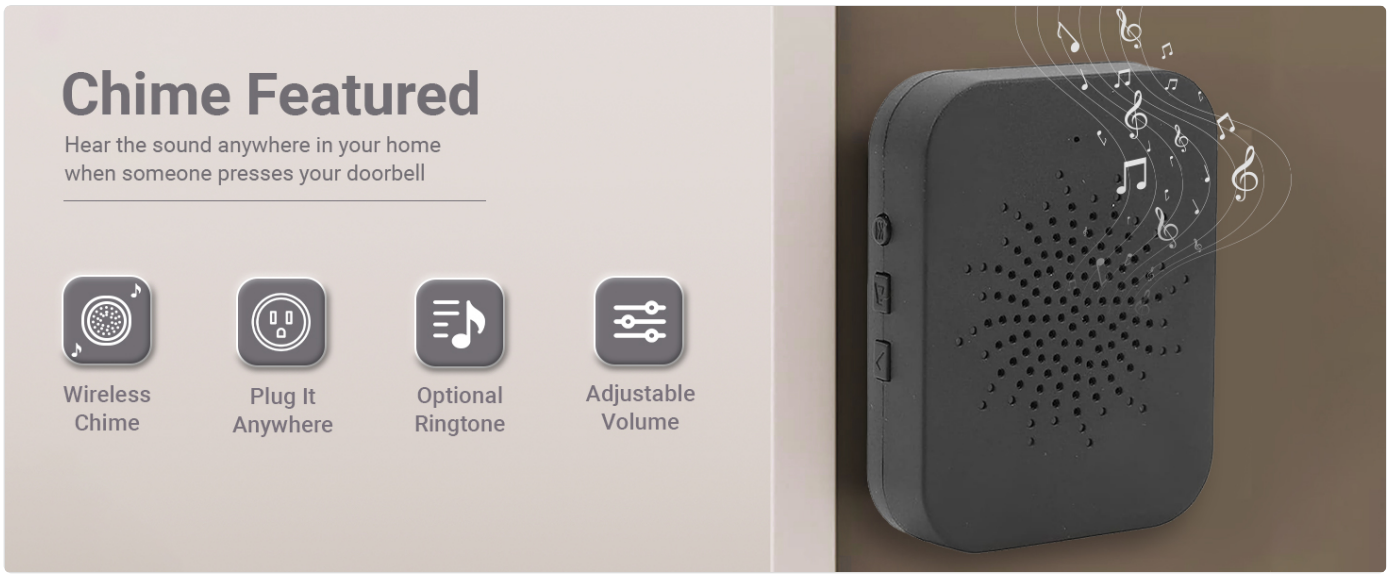


Image: The wireless chime unit with icons indicating its features: Wireless Chime, Plug It Anywhere, Optional Ringtone, and Adjustable Volume.

5.5. Wi-Fi Connection

The video doorbell camera connects to your home network using 2.4GHz Wi-Fi for a stable connection. Please note that it does not support 5GHz Wi-Fi networks.

6. Maintenance

6.1. Battery Charging

Monitor the battery level through the 'Smart Life' app. Recharge the doorbell using the provided USB cable when the battery is low. The wired option is also available for continuous power.

6.2. Cleaning

Wipe the camera lens and the doorbell's exterior with a soft, damp cloth to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.

6.3. Water Resistance

The doorbell camera is IP65 rated, providing protection against dust and rain. This ensures normal operation under various weather conditions.



Image: The doorbell camera installed on a wall, with rain effects illustrating its IP65 water resistance for protection against dust and rain.

7. Troubleshooting

- **No video or delayed video:** Ensure a strong 2.4GHz Wi-Fi signal at the installation location. Check app settings for motion detection sensitivity. The doorbell is designed to record upon motion detection or button press.
- **Short battery life:** While rated for 180 days, frequent motion detection events, live view access, or cold weather can reduce battery life. Ensure the doorbell is fully charged. Consider the wired option for continuous power.
- **Detection issues (false alerts or missed events):** Adjust the PIR AI human detection sensitivity settings within the 'Smart Life' app. Ensure the camera's field of view is clear of obstructions that might trigger false alerts.
- **Wi-Fi disconnection:** Verify your router is broadcasting a 2.4GHz network. Ensure the doorbell is within range of your Wi-Fi router. Restarting both the doorbell and your router may resolve connection issues.
- **Chime not working:** Ensure the chime is properly plugged into a power outlet and has been successfully paired with the doorbell. Refer to section 4.3 for pairing instructions.
- **Poor audio/video quality:** Check your Wi-Fi signal strength. A weak signal can affect streaming quality. Ensure the camera lens is clean.

8. Specifications

Feature	Detail
Model Name	VD200
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Tablet, Smartphone
Power Source	Battery Powered
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	Smart Life App, Android
Mounting Type	Door Mount (Self Adhesive or Screw-In)
Video Capture Resolution	1080p
Color	Black
Viewing Angle	170 Degrees
Frame Rate	30 frames per second
Material	Plastic
Voltage	12 Volts
Wattage	1.1 watts
Item Dimensions (L x W x H)	5 x 2 x 2 inches
Water Resistance Level	IP65
Batteries Required	Yes (1 Lithium Ion battery included)

Feature	Detail
Item Weight	5.3 ounces (150 Grams)
Focus Type	Auto Focus
Low Light Technology	Night Color
Alert Type	Audio and Motion
Video Capture Format	MP4
Effective Still Resolution	5 MP
Special Features	2-Way Audio, 6800 mAh Battery, Standby up to 6 Months, HD Resolution, Motion Sensor, Night Vision

9. Official Product Video

Your browser does not support the video tag.

Video: An official product video from trenzu (SEKYO) showcasing the features and functionality of the Smart Wireless Video Doorbell with 1080P HD Resolution. This video demonstrates key aspects such as two-way communication, human detection, and night vision capabilities.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official trenzu website. Keep your purchase receipt for warranty claims.

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