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S-Link SL-EG22

S-Link Swapp SL-EG22 1080p HD Smart Doorbell User Manual

Model: SL-EG22

Overview Setup Operation Introduction Maintenance Package Contents Troubleshooting Product Specifications Warranty & Support

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your S-Link Swapp SL-EG22 1080p HD Smart Doorbell. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The SL-EG22 is a wireless smart doorbell equipped with a 1080p HD camera, TF card support for local storage, Wi-Fi connectivity, and integration with the TUYA smart home platform, allowing for remote monitoring and communication.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- S-Link Swapp SL-EG22 Smart Doorbell Unit
- Indoor Chime Unit
- Mounting Bracket
- Mounting Screws and Wall Anchors
- USB Charging Cable
- User Manual (this document)
- Rechargeable Batteries (pre-installed or separate)



Image: The S-Link Swapp SL-EG22 Smart Doorbell product box, illustrating the doorbell unit and the indoor chime.

3. Product Overview

3.1. Doorbell Unit



Image: Various angles of the S-Link Swapp SL-EG22 Smart Doorbell, highlighting its camera, button, and mounting points.

- **Camera Lens:** Captures 1080p HD video.
- **PIR Motion Sensor:** Detects movement in front of the doorbell.
- **Microphone:** For two-way audio communication.
- **Speaker:** For two-way audio communication and doorbell sound.
- **Doorbell Button:** Activates the doorbell and sends notifications.
- **LED Indicator:** Shows device status (e.g., charging, connected, motion detected).
- **Reset Button:** Used for pairing and factory reset.
- **TF Card Slot:** For local video storage (supports up to 128GB, card not included).
- **USB Charging Port:** For recharging the internal batteries.

3.2. Indoor Chime Unit

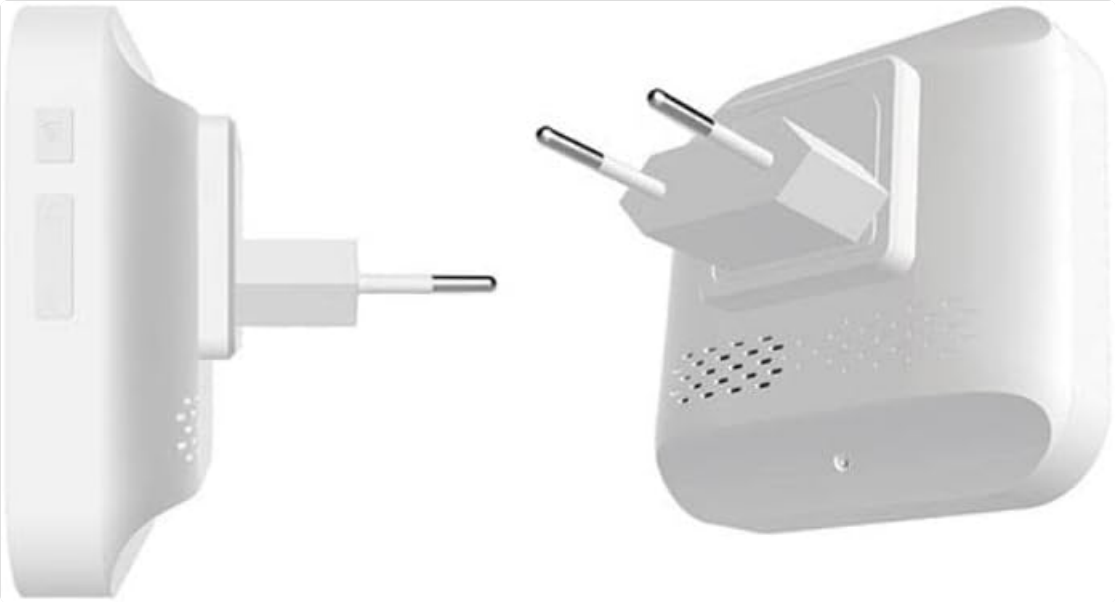


Image: The indoor chime unit, designed to plug into a standard power outlet.

- **Speaker:** Emits the doorbell sound when the outdoor unit is pressed.
- **Plug:** Connects to a standard wall outlet for power.
- **Volume/Chime Selection Button:** Adjusts volume and changes chime melodies.

4. Setup Guide

4.1. Charging the Doorbell

Before initial use, fully charge the doorbell unit. Connect the provided USB charging cable to the doorbell's USB port and a standard USB power adapter (not included). The LED indicator will show charging status and turn off when fully charged. A full charge may take several hours.

4.2. Downloading the TUYA Smart App

The S-Link Swapp SL-EG22 operates with the TUYA Smart app. Download the app from the Apple App Store or Google Play Store on your smartphone or tablet. Search for "TUYA Smart".

- Download for iOS (Apple App Store)
- Download for Android (Google Play Store)

Register or log in to your TUYA Smart account.

4.3. Pairing the Doorbell with the App

1. Ensure your doorbell is charged and powered on.
2. Open the TUYA Smart app and tap the "+" icon in the top right corner to add a device.
3. Select "Video Surveillance" then "Smart Doorbell" or search for the device type.
4. Follow the on-screen instructions to put the doorbell into pairing mode (usually by pressing and holding the reset button until the LED indicator flashes).
5. Connect your phone to a 2.4GHz Wi-Fi network (5GHz networks are not supported).
6. Enter your Wi-Fi password in the app.
7. The app will generate a QR code. Position your phone's screen in front of the doorbell camera (approx. 15-20 cm away) until you hear a confirmation sound from the doorbell.

8. Once paired, the doorbell's LED indicator will turn solid blue, and the app will confirm the successful connection.
9. Name your doorbell and complete the setup.

4.4. Installing a TF Card (Optional)

To enable local video recording, insert a TF (microSD) card into the designated slot on the doorbell unit. Ensure the doorbell is powered off before inserting or removing the card. The doorbell supports cards up to 128GB. Format the TF card through the TUYA Smart app settings after insertion for optimal performance.

4.5. Mounting the Doorbell

1. Choose a suitable location near your door, ensuring good Wi-Fi signal strength.
2. Mark the drilling points using the mounting bracket as a template.
3. Drill holes and insert wall anchors if mounting on masonry or drywall.
4. Secure the mounting bracket to the wall using the provided screws.
5. Attach the doorbell unit to the mounting bracket, ensuring it clicks securely into place.

4.6. Setting Up the Indoor Chime

Plug the indoor chime unit into a standard electrical outlet within range of the doorbell. The chime will automatically pair with the doorbell. You can adjust the volume and select different chime melodies using the button on the chime unit.

5. Operating Instructions

5.1. Receiving Doorbell Calls

When a visitor presses the doorbell button, the indoor chime will ring, and you will receive a push notification on your smartphone via the TUYA Smart app. Tap the notification to view the live video feed and engage in two-way audio communication with the visitor.

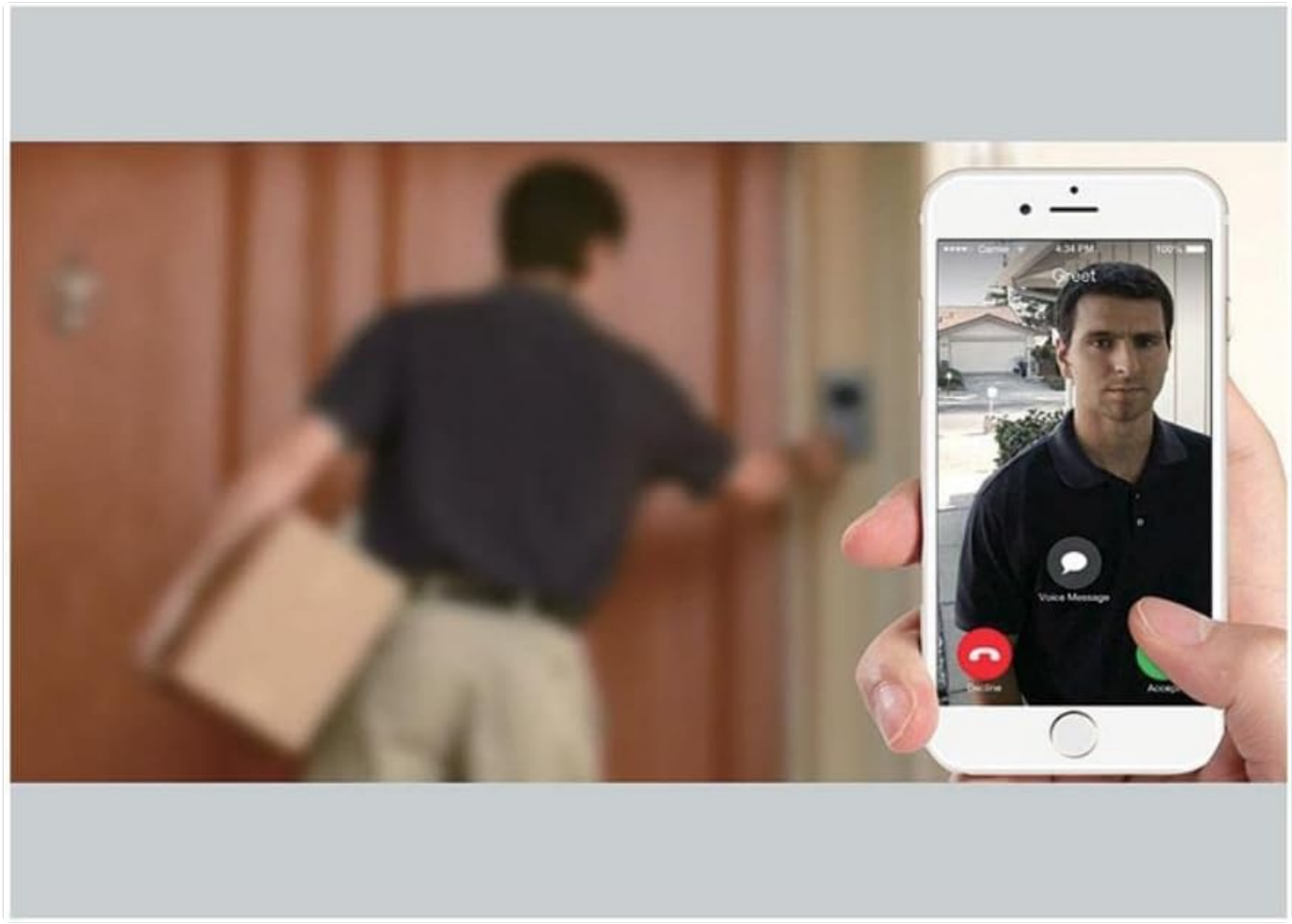


Image: A smartphone displaying the live video feed from the doorbell, allowing interaction with a visitor.

5.2. Motion Detection

The doorbell features a PIR motion sensor that detects movement. When motion is detected, the doorbell will automatically record a short video clip and send a push notification to your phone. You can adjust the motion detection sensitivity and set detection zones within the TUYA Smart app settings.

5.3. Video Recording and Storage

Video recordings from doorbell presses and motion detection events are stored on the inserted TF card. You can access and review these recordings through the TUYA Smart app. The app also offers optional cloud storage services for an additional fee.

5.4. Two-Way Audio

Utilize the two-way audio feature through the TUYA Smart app to speak with visitors at your door from anywhere. Ensure your phone's microphone is enabled for the app.

5.5. App Features

The TUYA Smart app provides various settings and features:

- Live View: Access the camera feed anytime.
- Playback: Review recorded video history.
- Notification Settings: Customize alerts for doorbell presses and motion detection.
- Device Sharing: Share access to your doorbell with family members.
- Battery Status: Monitor the doorbell's battery level.

6. Maintenance

6.1. Battery Management

The doorbell is powered by rechargeable batteries. Monitor the battery level through the TUYA Smart app. When the battery is low, recharge the doorbell using the provided USB cable. Battery life varies based on usage, motion detection frequency, and environmental factors. Frequent live view access and motion events will consume battery faster.

6.2. Cleaning

Clean the doorbell's camera lens and body periodically with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage the device. Ensure the device is powered off before cleaning.

6.3. Firmware Updates

Periodically check the TUYA Smart app for available firmware updates. Keeping your doorbell's firmware updated ensures optimal performance, security, and access to new features. Follow the in-app instructions for any updates.

7. Troubleshooting

Problem	Possible Cause	Solution
Doorbell not connecting to Wi-Fi.	Incorrect Wi-Fi password, 5GHz network used, weak Wi-Fi signal, doorbell too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move doorbell closer to router or use a Wi-Fi extender. Reset doorbell and try pairing again.
Short battery life.	Frequent motion detection, frequent live view access, cold weather, old batteries.	Reduce motion detection sensitivity or frequency. Limit live view access. Ensure batteries are fully charged. Consider replacing old batteries if performance degrades significantly.
Delayed or no notifications.	App permissions, phone's power saving mode, poor Wi-Fi signal, app not running in background.	Check app notification permissions on your phone. Disable power saving modes for the TUYA Smart app. Ensure stable Wi-Fi connection. Keep the app running in the background.
No video recording.	No TF card inserted, TF card full or corrupted, cloud storage not active.	Insert a compatible TF card and format it via the app. Check TF card status in app. Consider subscribing to cloud storage if local storage is not preferred.
Indoor chime not ringing.	Chime unplugged, out of range, doorbell not paired with chime.	Ensure chime is plugged in and powered. Move chime closer to doorbell. Re-pair doorbell and chime if necessary (refer to setup section).

8. Specifications

Feature	Detail
Product Dimensions	19 x 7 x 17 cm
Product Weight	520 grams

Feature	Detail
Model Number	SL-EG22
Wireless Communication	Wi-Fi (2.4GHz only)
Connectivity Technology	Wireless
Video Resolution	1080p HD
Storage	TF Card (up to 128GB, not included)
App Compatibility	TUYA Smart App (iOS/Android)
First Available Date	January 22, 2021

9. Warranty and Support

S-Link products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your product packaging or visit the official S-Link website. For technical support, troubleshooting assistance, or service inquiries, please contact S-Link customer support through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

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