

- Manuals.plus /
- › ACEBELL /
- › ACEBELL Wireless WiFi Video Intercom System User Manual

ACEBELL TL-AH708-32-Tuya-BEfromCAD

ACEBELL Wireless WiFi Video Intercom System User Manual

Model: TL-AH708-32-Tuya-BEfromCAD
Brand: ACEBELL

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ACEBELL Wireless WiFi Video Intercom System. Please read this manual thoroughly before using the product to ensure proper function and safety.



The ACEBELL Wireless WiFi Video Intercom System, featuring a doorbell camera, 7-inch monitor, and smartphone app control.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Doorbell Camera
- 1 x 7-inch Display Monitor
- 1 x Memory Card (TF card)
- 1 x Double-ended Charging Cable
- 1 x Charger
- 1 x Unlock Module (optional, for electronic lock integration)
- 1 x Bag of Accessories (screws, mounting hardware)
- 1 x User Manual

KEY FEATURES

- **100% Wireless Operation:** Utilizes 915MHz private protocol for signal transmission, functioning with or without WiFi.
- **Dual-band WiFi Support:** Indoor monitor connects to 2.4G or 5G WiFi for app connectivity.
- **1080P HD Camera:** Provides clear, high-quality video resolution.
- **160° Wide-Angle Lens:** Offers an expansive view of your doorstep.
- **Infrared Night Vision:** Automatic switching to night vision mode for clear visibility in low light.
- **7-inch HD Touch Screen Monitor:** Intuitive interface for easy control and viewing.
- **Local Storage:** Records videos directly to an included TF card, with no monthly subscription fees.
- **PIR Motion Detection:** Detects movement and sends alerts to your phone and monitor.
- **Two-Way Audio:** Enables simultaneous conversation with visitors.
- **Remote Control & Unlock:** Manage the system and unlock doors via the TuyaSmart app.
- **IP55 Waterproof Doorbell:** Designed to withstand various weather conditions.
- **Long-lasting Battery:** Doorbell with 7000mAh battery, monitor with 5000mAh battery.

SETUP

1. Installation Considerations

The system operates wirelessly using a 915MHz frequency, which offers good penetration through walls. However, signal performance can vary based on the environment.

- **Avoid Metal Surfaces:** Do not install the doorbell camera on metal doors or walls, as metal significantly interferes with wireless signals.
- **Optimal Placement:** Position the doorbell and monitor to minimize obstructions for best signal strength.

Real Wireless Video Intercom

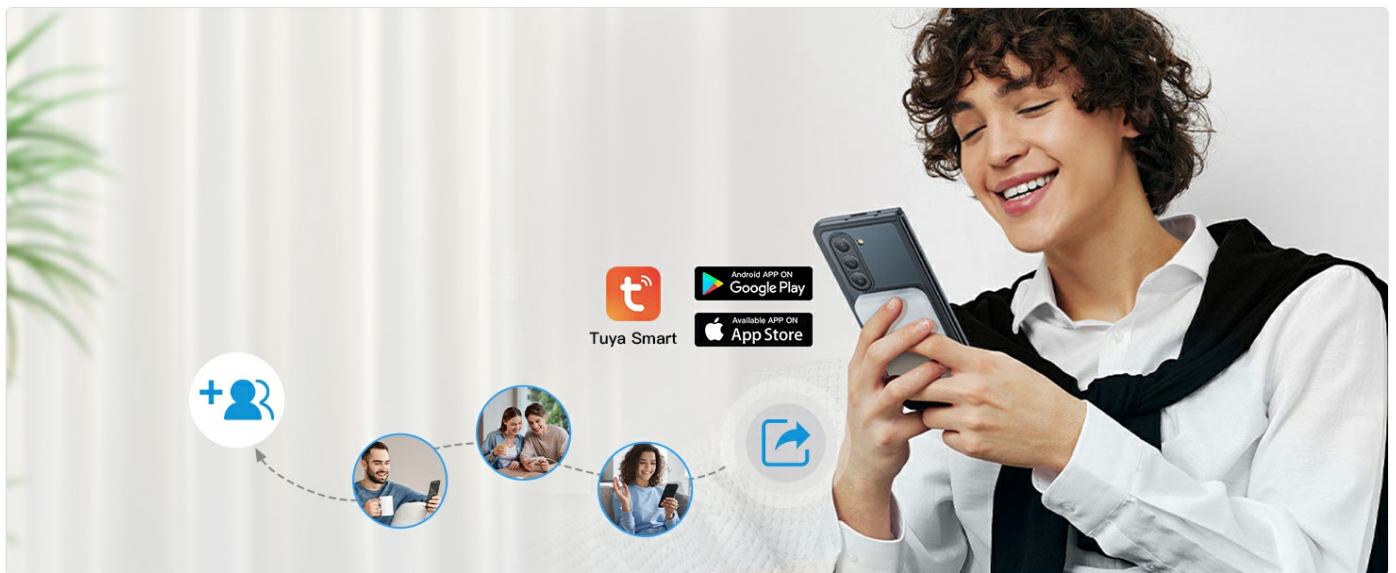
None of wire is required for installation



Wireless signal transmission within a typical home environment.



Wireless signal strength through various materials.



Recommended and non-recommended doorbell installation locations.

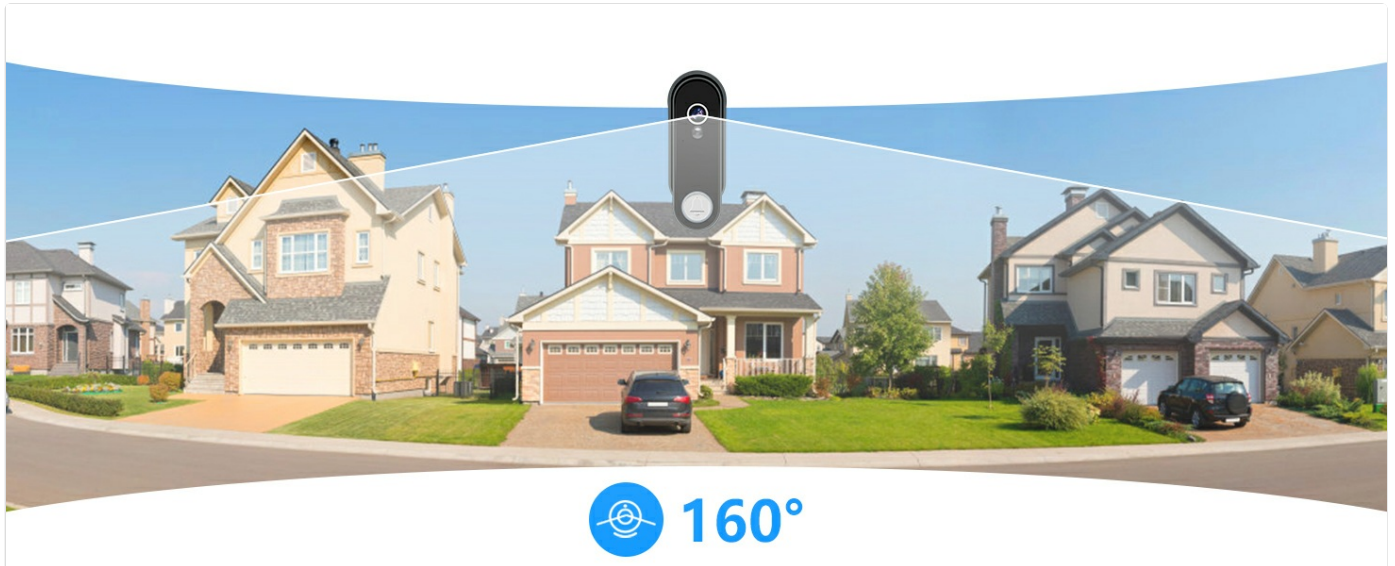
2. Powering the Devices

Doorbell Camera:

- **Rechargeable Battery:** The doorbell includes a 7000mAh rechargeable battery. Ensure it is fully charged before installation. Use the provided screws to secure the battery to prevent loosening.
- **External Power Supply (Optional):** For continuous power, connect the doorbell to existing wires (12-24V recommended). The necessary wiring board and quick-connect terminal are included.

Monitor:

- The monitor has a built-in 5000mAh battery. Charge it using the provided charger and cable.



Doorbell power supply options: battery or wired connection.

3. Physical Installation

The doorbell can be installed using the provided adhesive pad or screws. Ensure it is securely mounted at an appropriate height for optimal viewing.



Installation of the doorbell camera.

4. App Setup (TuyaSmart)

1. Download the **TuyaSmart** app from the Google Play Store or Apple App Store.
2. Register or log in to your TuyaSmart account.
3. Ensure your indoor monitor is connected to your home WiFi (supports 2.4G and 5G networks).
4. Follow the in-app instructions to add your ACEBELL system. *Note: Some setup prompts may suggest resetting your device; this step is often unnecessary. Ensure the monitor is connected to WiFi first.*

APP Remote Control and Unlock

Your home security is on your hand by APP "TuyaSmart"



TuyaSmart app interface for remote control.

OPERATION

1. Answering Calls

When a visitor presses the doorbell, the indoor monitor will ring, and a notification will be sent to your smartphone via the TuyaSmart app. You can answer the call from either the monitor or your phone.

2-Way Audio

See and talk with visitors via monitor or smart phone

Hi, you have new parcel

OK, thanks



Two-way audio communication via monitor and smartphone.

2. Two-Way Audio

The system supports two-way audio, allowing you to speak with visitors at your door and hear their responses simultaneously through the monitor or the app.

3. Remote Unlock (Optional)

If the optional unlock module is connected to an electronic lock, you can remotely unlock the door directly from the monitor or through the TuyaSmart app.



Wiring diagram for the remote unlock module.

4. Motion Detection (PIR)

The doorbell camera features PIR motion detection. When movement is detected, an alert will be sent to your phone and the indoor monitor. The system will automatically record a video and save it to the TF card.

- **Sensitivity Adjustment:** PIR sensitivity can be set to high, medium, or low via the monitor settings.

Smart PIR Motion Detection

Alert will be pushed to monitor and smart phone once the motion is detected



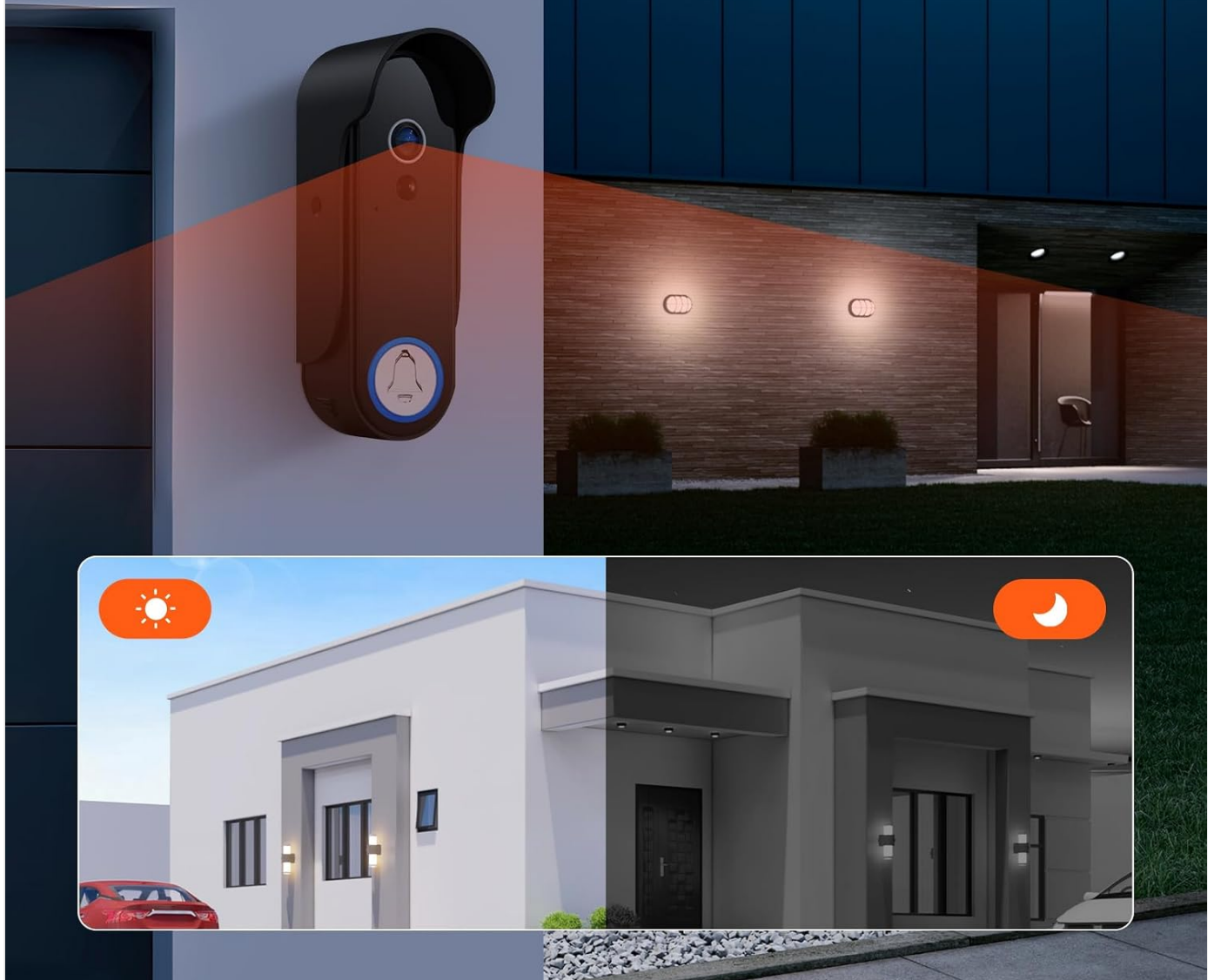
Motion detection alert on smartphone.

5. Night Vision

The doorbell camera is equipped with infrared lights that automatically activate night vision mode in low-light conditions, ensuring clear visibility at night.

HD 1080P & Night Vision

Ensure clearer image in daytime or night

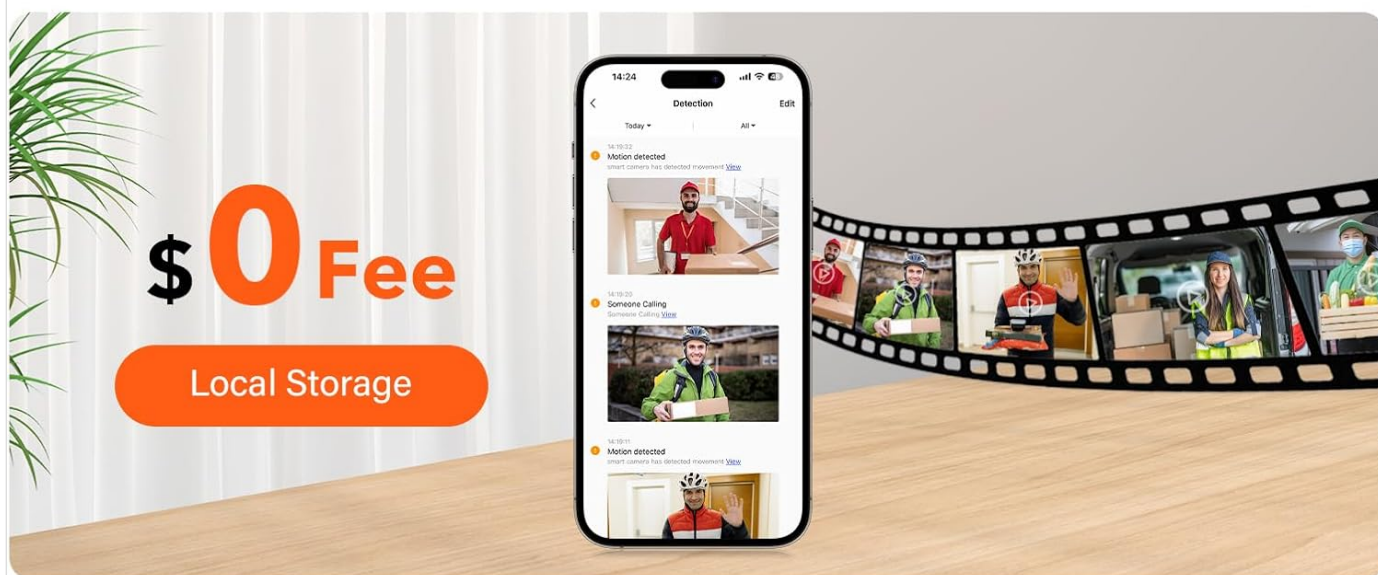
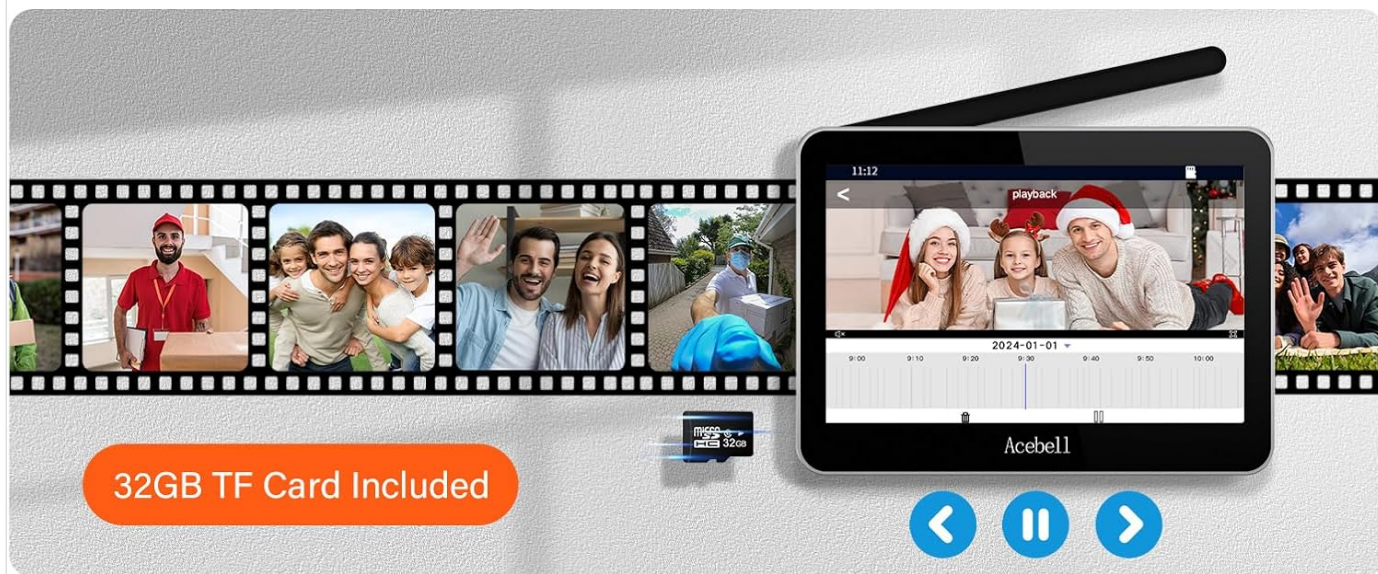


Day and night vision comparison.

6. Local Storage and Playback

All recorded videos are stored on the included TF card within the monitor. You can view these recordings directly on the monitor or through the TuyaSmart app on your phone. There are no subscription fees for storage.

No Monthly Fee



Local storage and app playback interface.

MAINTENANCE

1. Battery Charging

- **Doorbell:** The 7000mAh battery typically lasts 60-90 days on a full charge, depending on usage frequency (doorbell presses, PIR triggers, monitoring). If wired, it will continuously charge.
- **Monitor:** The 5000mAh battery provides 5-8 hours of use when fully charged. Connect the monitor to the charger when not in use or when the battery is low.



Charging the indoor monitor.

2. Cleaning

Wipe the doorbell camera and monitor surfaces with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

Issue	Possible Cause	Solution
No signal between doorbell and monitor	Metal interference, excessive distance, thick walls.	Relocate doorbell away from metal surfaces. Ensure monitor is within effective range. Consider signal strength diagram in Setup section.
App connectivity issues	Incorrect WiFi password, monitor not connected to WiFi, router channel issues.	Verify WiFi password. Ensure monitor is connected to a 2.4G or 5G WiFi network. No need to adjust router channels.
Doorbell not charging / low battery life	Faulty charger/cable, high usage frequency, cold weather.	Test charger and cable. Reduce frequency of doorbell presses, PIR triggers, and monitoring. Consider external wired power supply for continuous operation.
PIR motion detection false alarms	Sunlight changes, moving shadows (e.g., trees), passing vehicles.	Adjust PIR sensitivity to medium or low in the monitor settings.
Monitor screen turns off too quickly	Default power saving settings.	Check display settings on the monitor to adjust screen timeout. Note that continuous live feed may be limited to conserve power.

SPECIFICATIONS

Feature	Detail
Model Name	TL-AH708-Tuya

Feature	Detail
Video Capture Resolution	1080p
Viewing Angle	160 Degrees
Night Vision Range	50 Meters
Wireless Communication Technology	Wi-Fi (2.4G/5G for monitor), 915MHz (doorbell to monitor)
Doorbell Battery Capacity	7000mAh Lithium Ion
Monitor Battery Capacity	5000mAh Lithium Ion
Water Resistance Level	IP55 Waterproof
Storage	TF Card (included)
Compatible Devices	Smartphone (iOS/Android)
Mounting Type	Doorbell Mount (adhesive or screw)
Product Dimensions (L x W x H)	25.4 x 5.08 x 127 cm (Doorbell)
Item Weight	1.14 kg

WARRANTY AND SUPPORT

Your ACEBELL Wireless WiFi Video Intercom System comes with **a2-year quality warranty**. For any questions or issues, please contact ACEBELL customer support. Our professional after-sales team is available 24/7 to assist you. Contact information: cs@dgjiasong.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0C45WXH3R>

More documents and user manuals: <https://manuals.plus/>