WOLILIWO V7024AG-PMiC-AHD 1V1

WOLILIWO Wired WiFi 7-inch Video Doorbell System User Manual

Model: V7024AG-PMiC-AHD 1V1

Introduction

Thank you for choosing the WOLILIWO Wired WiFi 7-inch Video Doorbell System. This comprehensive system provides enhanced home security and convenience with real-time two-way communication, remote monitoring, and advanced surveillance features. This manual will guide you through the installation, operation, and maintenance of your new video doorbell system.

Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid any damage to the product or property. Keep this manual for future reference.

Safety Information

- Ensure all power is disconnected before installation or maintenance to prevent electric shock.
- Only use the provided power adapter and cables.
- Do not expose the outdoor unit to direct water spray or submerge it. While rain-resistant, extreme conditions should be avoided.
- Keep the product away from heat sources, direct sunlight, and corrosive materials.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified personnel for service.
- Ensure proper wiring connections as per the installation guide to prevent damage.

Package Contents

Verify that all components listed below are included in your package:

- 7-inch Indoor Monitor
- Outdoor Doorbell Camera Unit
- Power Adapter
- Mounting Brackets and Screws

- Wiring Cables
- IC Cards (for unlocking)
- 32GB TF Card (pre-installed or included)
- User Manual (this document)



Figure 1: Overview of all included components for the WOLILIWO Video Doorbell System, including the indoor monitor, outdoor doorbell, power adapter, wiring, mounting hardware, and IC cards.

Product Overview and Features

The WOLILIWO Video Doorbell System is designed for comprehensive home surveillance and communication. Key features include:

- **Two-Way Intercom:** Real-time audio communication with visitors.
- **7-inch HD IPS Touchscreen Monitor:** Clear display with intuitive controls.
- **120° Wide-Angle Lens:** Broad field of view to minimize blind spots.
- **Infrared Night Vision:** Clear visibility even in low-light conditions.
- **Motion Detection & Anti-theft Alarm:** Alerts for suspicious activity.

- **Tuya APP Remote Control:** Monitor and unlock remotely via smartphone.
- **IC Card & Monitor Unlock:** Multiple methods for door access.
- **Durable Outdoor Unit:** Made from aluminum alloy and ABS, waterproof and resistant to extreme temperatures (-30°C to 60°C).
- **Expandable System:** Supports up to 4 indoor units, 2 outdoor units, and 2 CCTV cameras.



Figure 2: Icons illustrating the multi-function control and customized settings available, including rain-proof design, 120° view angle, night vision, extreme temperature resistance, metal material, IC card swiping, and NFC capabilities.



Figure 3: Diagram showing the integrated system setup, with the outdoor doorbell, indoor monitor, and mobile phone app all connected via WiFi for comprehensive home security and remote access.

Setup and Installation

This system requires wired installation. Professional installation is recommended if you are not familiar with electrical wiring.

1. Planning the Installation Location

- Choose a location for the outdoor unit that provides a clear view of your entrance and is protected from direct impact.
- Ensure the indoor monitor is placed in a central, easily accessible location within your home.
- Consider the wiring path between the outdoor unit, indoor monitor, and power source.

2. Wiring Connections

Connect the outdoor unit to the indoor monitor using the provided wiring cables. Ensure correct polarity and secure connections. Refer to the wiring diagram below for typical connections.



Figure 4: Illustration of the doorbell's wide viewing angle (up to 120°) and its effective night vision capabilities, showing clear visibility both during the day and at night.

3. Mounting the Units

- Secure the mounting brackets to the wall using the provided screws.
- Attach the outdoor doorbell unit and indoor monitor to their respective brackets.
- Ensure units are firmly attached and cables are neatly managed.

4. Powering On and Initial Setup

- Connect the power adapter to the indoor monitor and plug it into a power outlet.
- The monitor will power on. Follow the on-screen prompts for initial setup, including language selection and network configuration.

- Connect the monitor to your home WiFi network for remote access features.

Operating Instructions

1. Basic Operation (Indoor Monitor)

- When a visitor presses the doorbell, the indoor monitor will ring and display the live video feed.
- Tap the *Answer* icon on the screen to initiate two-way communication.
- Tap the *Unlock* icon to remotely open a connected electronic lock.
- Tap the *Record* icon to manually record video or capture a snapshot.



Figure 5: Demonstrates the intelligent intercom feature, allowing real-time two-way communication between a visitor at the doorbell and the user via the indoor monitor or mobile app.

2. Tuya APP Remote Control

Download the "Tuya Smart" or "Smart Life" app from your smartphone's app store (available on both Apple App Store and

Google Play Store).

1. Create an account and log in.
2. Add your WOLILIWO Video Doorbell System by following the in-app instructions (usually involves scanning a QR code on the monitor or manual).
3. Once connected, you can receive alerts, view live video, communicate with visitors, and unlock your door from anywhere with an internet connection.



Figure 6: Screenshot of the Tuya Smart App interface, showing remote control capabilities and how alerts are received on a mobile phone when motion is detected by the doorbell camera.

3. Motion Detection and Recording

The system is equipped with motion detection. When motion is detected, it can automatically record video and send notifications to your indoor monitor and the Tuya app.

- Adjust motion detection sensitivity in the monitor's settings menu.
- Recorded videos are stored on the TF card. You can review playback directly on the monitor or via the Tuya app.

4. Night Vision

The outdoor unit automatically switches to infrared night vision mode in low-light conditions, providing clear black-and-white video.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the monitor screen and outdoor unit lens. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Check the manufacturer's website or the Tuya app periodically for firmware updates to ensure optimal performance and security.
- **TF Card Management:** Regularly back up important recordings from the TF card. If the card becomes full, older recordings may be overwritten.
- **Cable Inspection:** Periodically inspect all wiring for any signs of wear or damage.

Troubleshooting

Problem	Possible Cause	Solution
No power to indoor monitor.	Power adapter unplugged or faulty; power outlet issue.	Check power connections. Try a different outlet. Ensure adapter is working.
No video from outdoor unit.	Loose or incorrect wiring; faulty outdoor unit.	Verify all wiring connections are secure and correct. Restart the system.
No audio during intercom.	Microphone/speaker issues; volume too low.	Check volume settings on the monitor. Ensure nothing is obstructing the microphone/speaker.
Cannot connect to Tuya App.	Incorrect WiFi password; weak WiFi signal; app pairing issue.	Ensure correct WiFi password. Move router closer or use a WiFi extender. Re-attempt app pairing process.
Motion detection not working.	Sensitivity too low; incorrect settings.	Adjust motion detection sensitivity in settings. Ensure motion detection is enabled.

Specifications

Feature	Detail
Model Number	V7024AG-PMiC-AHD 1V1
Brand	WOLILIWO
Indoor Monitor Display	7-inch IPS Touchscreen, HD Resolution (1024x600)
Outdoor Unit Material	Aluminum Alloy, ABS Plastic
Video Recording Resolution	1080p
Viewing Angle	120° Wide Angle
Night Vision	Infrared

Feature	Detail
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Capacity	Supports up to 128GB TF card (32GB included)
Connectivity	Wired, WiFi (for Tuya App)
Dimensions (L x W x H)	26.39 x 17.98 x 8.48 cm (10.39 x 7.08 x 3.34 inches)
Weight	997.9 grams (2.2 lbs)

Warranty and Support

For warranty information and technical support, please contact WOLILIWO customer service directly. Refer to the product packaging or the official WOLILIWO website for contact details.

When contacting support, please have your model number (V7024AG-PMiC-AHD 1V1) and purchase information ready.

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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.

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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