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› YUANWIN Smart Video Doorbell Intercom System (Model YW-TD-D4BR34W) User Manual

## YUANWIN YW-TD-D4BR34W

# YUANWIN Smart Video Doorbell Intercom System User Manual

Model: YW-TD-D4BR34W

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your YUANWIN Smart Video Doorbell Intercom System. Please read this manual thoroughly before using the product to ensure proper function and safety. This system features a 7-inch touch screen monitor, a 2MP HD camera with night vision, two-way audio, RFID IC card access, and Wi-Fi connectivity for remote unlocking via the Tuya app.



Figure 1: YUANWIN Smart Video Doorbell Intercom System (Outdoor Station and Indoor Monitor)

## PACKAGE CONTENTS

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

- Outdoor Station (Doorbell Unit)
- Indoor Monitor (7-inch Touch Screen)
- Bracket for Indoor Monitor
- IC Cards
- Screws & Anchors
- Transfer Cables
- Power Adapter
- User Manual

## Packing List



Figure 2: Package Contents

## PRODUCT OVERVIEW

### Outdoor Station (Doorbell Unit)

The outdoor station is equipped with a 2MP HD camera, infrared fill light for night vision, a microphone, speaker, RFID card reader, and a call button. It is designed for outdoor use with a rainproof cover.



Figure 3: Outdoor Station Components and Dimensions

## Indoor Monitor

The indoor monitor features a 7-inch IPS touch screen display, a speaker, microphone, and a TF card slot for local storage. It serves as the central control unit for the intercom system.



Figure 4: Indoor Monitor Components and Dimensions

## SETUP

### Wiring Diagram

Follow the wiring diagram carefully for proper installation. The electronic lock is for functional reference only and should be purchased separately if required.

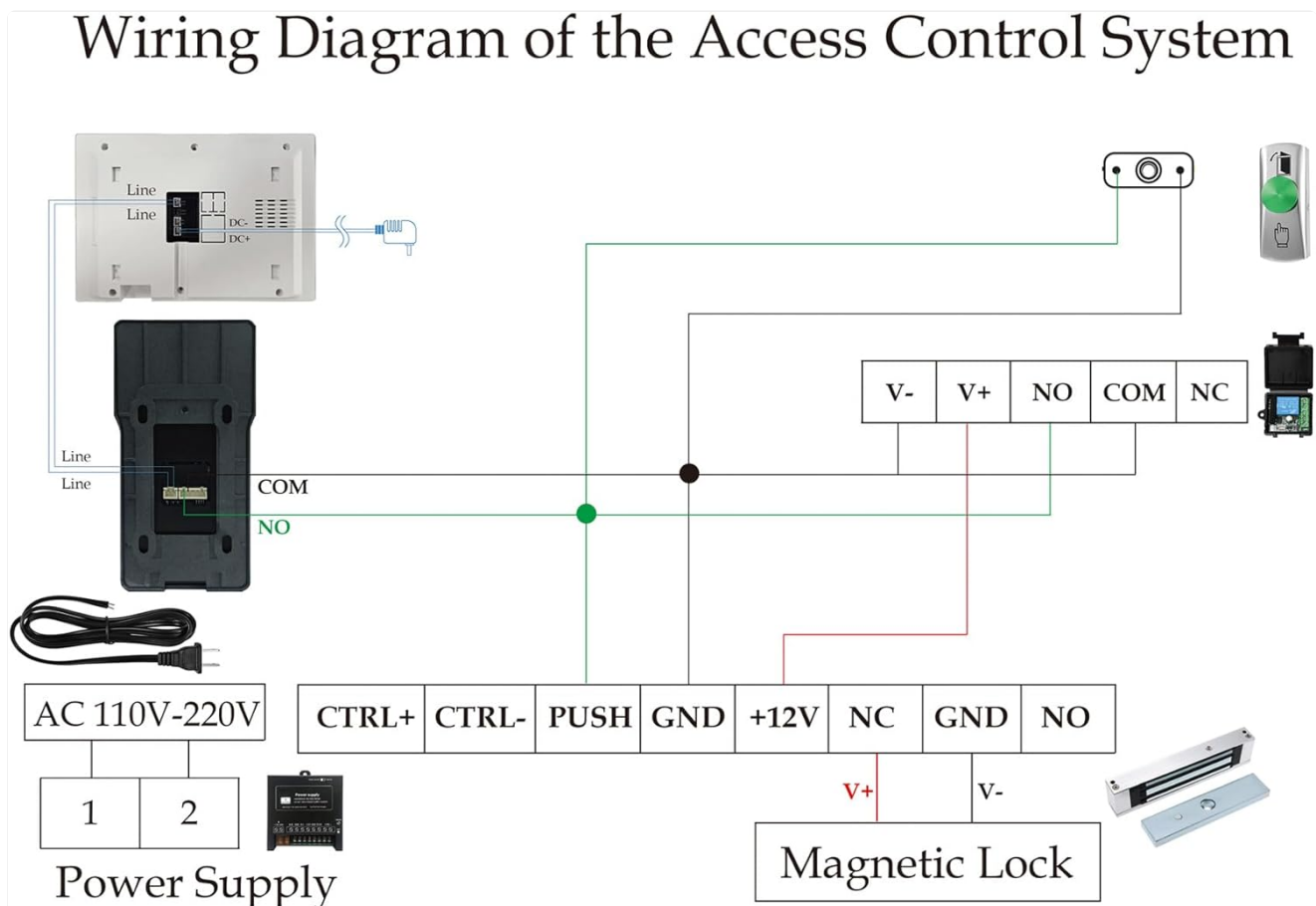


Figure 5: Wiring Diagram (2-Wire Connection)

## Power Connection

Connect the power adapter to the indoor monitor and plug it into a standard 110V AC power outlet. Ensure all connections are secure before powering on the system.

## Wi-Fi Configuration

To enable remote control via the Tuya app, connect the indoor monitor to your 2.4GHz Wi-Fi network (5GHz networks are not supported). Navigate to the settings menu on the monitor, select WLAN, choose your network, and enter the password. A successful connection will be prompted.

## OPERATING INSTRUCTIONS

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### Answering Calls and Unlocking

When a visitor presses the call button on the outdoor station, the indoor monitor will ring and display a real-time video feed. Tap the 'Answer' button to communicate with the visitor. To unlock the door, tap the 'Unlock' button on the monitor. Tap 'Hang Up' to end the call.

Your browser does not support the video tag.

Video 1: Official video demonstrating the features and operation of the YUANWIN Smart Video Doorbell Intercom System, including unboxing, wiring, call answering, IC card unlocking, and Tuya app remote control.

### RFID IC Card Access

To add an IC card for unlocking, navigate to 'Settings' on the indoor monitor, then 'Card Management'. Enter the password to add a new card. Once added, simply tap the IC card on the outdoor station's card reader to unlock the door.

### Tuya App Remote Control

After connecting the monitor to Wi-Fi, open the Tuya Smart App on your smartphone. Tap the scan icon (usually in the upper right corner) and scan the QR code displayed on the indoor monitor (found in Wi-Fi settings). Once the device is added, you can receive alerts, view live video, perform two-way audio, and remotely unlock the door from your smartphone.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the indoor monitor and outdoor station. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check for firmware updates through the Tuya app or the indoor monitor's settings to ensure optimal performance and security.
- **Environmental Conditions:** Ensure the outdoor station is installed in a location protected from direct heavy rain or extreme temperatures, despite its rainproof design.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No video/audio from outdoor station	Loose wiring, power issue, camera/microphone fault.	Check all wiring connections. Ensure power supply is stable. Restart the system.
Indoor monitor not ringing	Volume too low, 'Do Not Disturb' mode active, wiring issue.	Adjust volume settings. Disable 'Do Not Disturb'. Verify wiring.
Cannot connect to Wi-Fi	Incorrect password, 5GHz network, weak signal.	Double-check Wi-Fi password. Ensure you are connecting to a 2.4GHz network. Move monitor closer to router.
Remote unlock not working via app	App not connected, Wi-Fi issue, lock not properly configured.	Verify app connection status. Check Wi-Fi connectivity. Ensure the electronic lock is correctly wired and configured.
IC card not unlocking door	Card not added, card damaged, reader fault.	Ensure the IC card is properly added to the system. Try another IC card. Contact support if issue persists.

## SPECIFICATIONS

Feature	Detail
Brand	YUANWIN
Model Name	YW-TD-D4BR34W
Recommended Uses	Indoor Security
Connectivity Technology	Powerline, Wi-Fi (2.4GHz)
Special Feature	Easy to Install
Indoor/Outdoor Usage	Outdoor (Doorbell Unit)
Compatible Devices	Magnetic Lock
Controller Type	Push Button
Color	Video Intercom
Power Source	Corded Electric
Voltage	110 Volts (AC)
Batteries Required	No
Item Weight	1.3 Kilograms
UPC/GTIN	769894489406

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase documentation or visit the official YUANWIN website. Keep your purchase receipt as proof of purchase for warranty claims.

