



**NOTICE:**

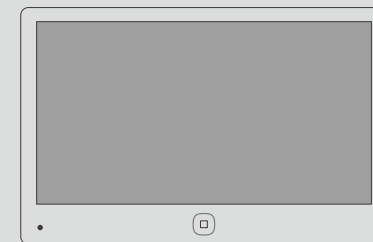
This manual is for the purpose of product use and operation. Design and specifications are subject to change without notice.

Version 1.0



# Wi-Fi 2-Wire Digital Video Doorphone

## USER MANUAL



7052WKIT-01TUYA






### Features

- With TuyaSmart APP, you can monitor, intercom and unlock remotely.
- Max. 2 million pixels digital HD.
- Max. 128GB TF card (storage circulation)
- Picture and video recording.
- Electric lock and gate lock release.
- Secondary bell function.
- Call mute.
- Night vision.
- IP55 rating.
- Indoor unit with ambient lighting function.
- Weather forecast function.
- Multilingual.

## Package Contents

### NOTE:

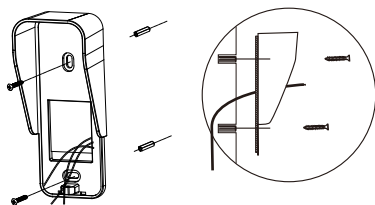
The number "N" varies depending on the actual needs.

	- Indoor Unit - Bracket	N
	- Outdoor Unit - Rain shade	N
	Adapter	1
	Screw Pack	1
	User Manual	1

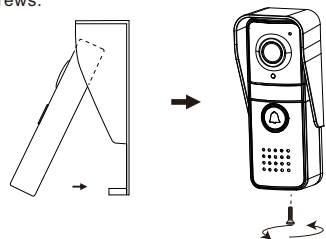
## Installation Instruction

### A. Outdoor unit installation

1. Fasten the rain hood to the wall with screws.

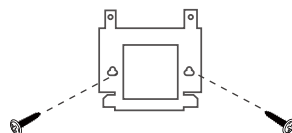


2. Connect the wires according to the wiring diagram.
3. Fix into the rain shade and fasten the bottom with screws.

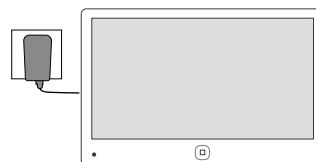


### B. Indoor unit installation

1. Fix the bracket to the wall with screws supplied.



2. Connect the wires according to the wiring diagram.
3. Hang on the bracket.
4. Connect to power supply.



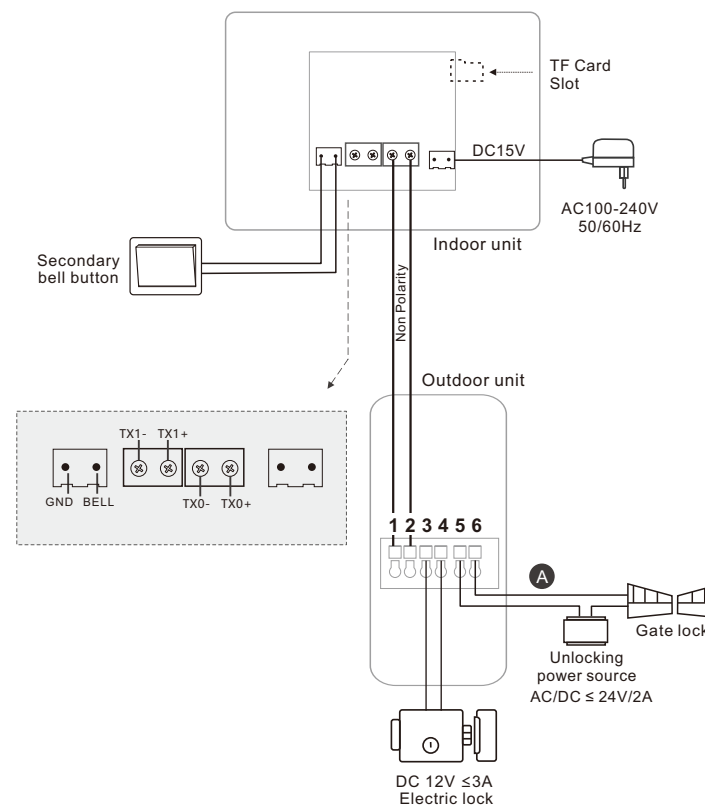
5. The indoor unit can connect to the home router using the WiFi. Please be advised a strong WiFi signal is recommended to cover the installation area.

## NOTICES

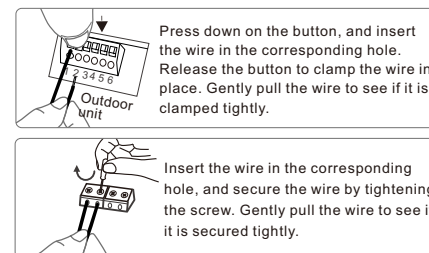
- Install the indoor unit near the router.
- Turn off the power before wiring.
- Use a slightly damp soft cloth to clean the camera or screen.
- The outdoor unit must not be directly exposed to sunlight.
- The image quality may be interfered by strong electromagnetic signals, therefore, when using the product, avoid the electromagnetic sources such as motor and transformer and make sure the circumstance is barrier-free and no interference.

### C. Wiring Diagram

#### One Outdoor Unit + One Indoor Unit



#### How to attach wires to terminal block

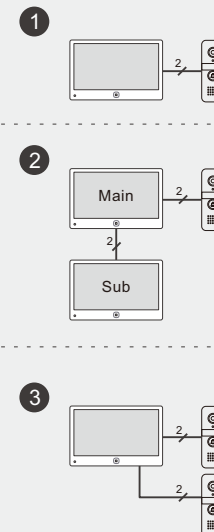


- The connecting wire between the indoor and outdoor units:
  - Distance 0 - 15m: RVV2×0.2 mm<sup>2</sup>
  - Distance 0 - 30m: RVV2×0.5 mm<sup>2</sup>
  - Distance 0 - 50m: RVV2×1.0 mm<sup>2</sup>
  - Distance 0 - 100m: RVV2×1.5 mm<sup>2</sup>

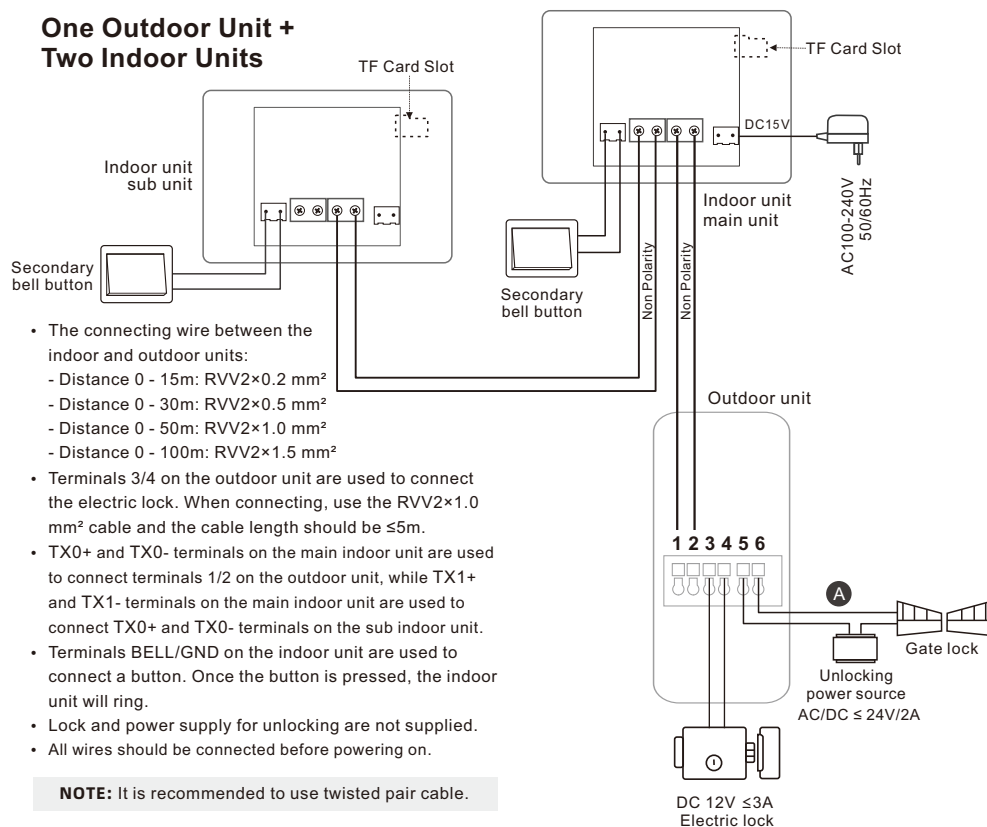
- Terminals 3/4 on the outdoor unit are used to connect the electric lock. When connecting, use the RVV2×1.0 mm<sup>2</sup> cable and the cable length should be ≤5m.
- TX0+ and TX0- terminals on the indoor unit are used to connect terminals 1/2 on outdoor unit #1, while TX1+ and TX1- terminals are used to connect terminals 1/2 on outdoor unit #2.
- Terminals BELL/GND on the indoor unit are used to connect a button. Once the button is pressed, the indoor unit will ring.
- Lock and power supply for unlocking are not supplied.
- All wires should be connected before powering on.

**NOTE:** It is recommended to use twisted pair cable.

#### Wiring Reference

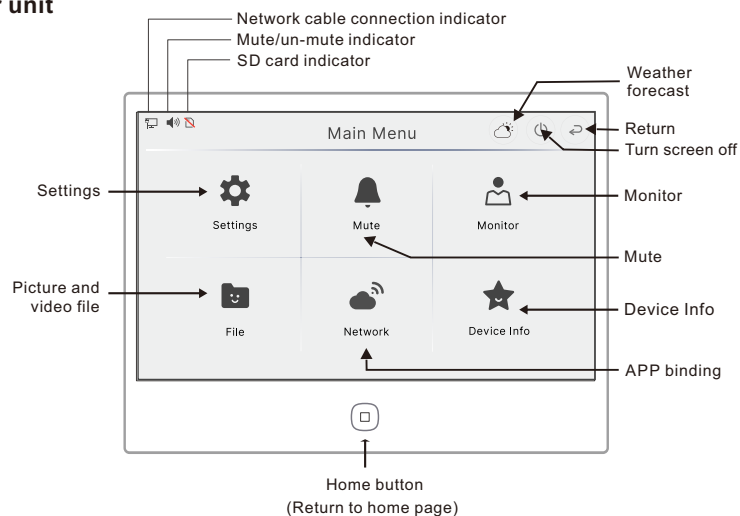


## One Outdoor Unit + Two Indoor Units



## Functions and Settings

### Indoor unit



## Settings

### Outdoor (Outdoor unit setting)

Settings( ) -> Outdoor -> Outdoor-1/ Outdoor-2

- Volume: Adjust the volume of indoor unit's ringtone.
- Ring Tone: 16 ringtones for option.
- Unlock Delay Time: It only takes effect when the lock is connected to the outdoor unit (1s - 10s).

### Date/Time

Settings( ) -> Date/Time

The date and time can be automatically synchronized with Internet or manually set by the user.

### System Setting

Settings( ) -> System Setting

- Main/Sub unit set: When connecting 2 indoor units, set one to "Main" and the other to "Sub".
- The screen can be set to turn off if no any operation within: 5 min, 2 min, 1 min, 30 sec and never.
- Format the TF card.
- Restore to factory default.

### Language

Settings( ) -> Language

Multiple languages can be selected.

### Record

Settings( ) -> Record

Incoming call setting, taking a picture or a video for the visitor can be selected.

### Wallpaper

Settings( ) -> Wallpaper

Multiple wallpapers for option.

## More Settings

- Ambient lighting function: set the color and brightness of the LED strip on the indoor unit.
- Restore to factory default.
- Update UUID: This function can be only used by the developers.

## Mute

Once enabled, the indoor unit will not sound the ringtone when pressing the secondary bell button or the call button on the outdoor unit.

## File

- View the pictures and videos.
- Maximum 10 pictures can be saved into the internal flash of the indoor unit. Once exceeded, they will be automatically saved into the TF card. The video will be stored into the TF card.
- If the picture quantity exceeds 30, tap ( ) to go to the previous or the next page when viewing the pictures.

## Network

### WLAN

Select the available Wi-Fi network to connect.

Network Pairing: *Not supported*.

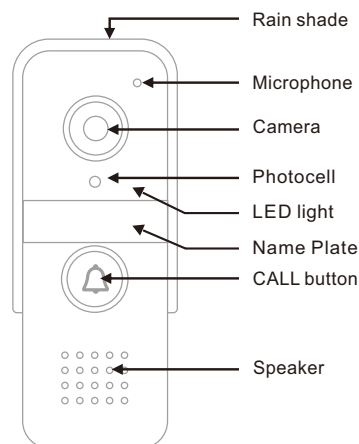
### QR Code (app binding)

First, connect the indoor unit to Internet via the Wi-Fi network, then open the app, tap " + " at the upper right corner, and then tap "Scan" to scan the QR code to bind the app.

## Weather Forecast

Obtain the weather forecast info from the Internet by binding the tuya app.

## Outdoor unit

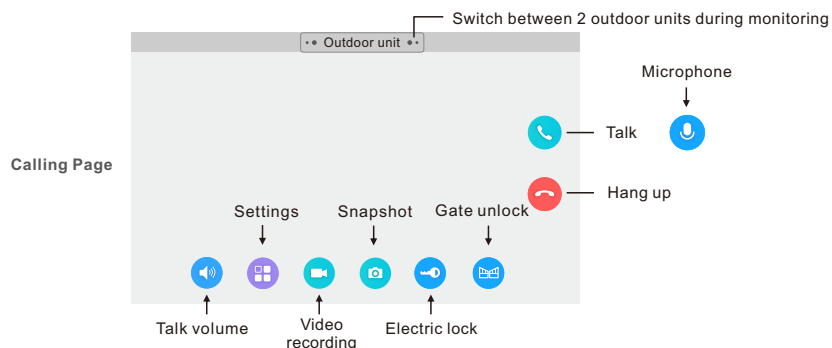


## Operating Instructions

### Calling and Talking

After the visitor presses the CALL button on the outdoor unit, both the indoor unit and mobile phone will ring and display the visitor's image on the screen. Tap " " to answer the call.

- If answering the call through your mobile phone, the indoor unit will stop ringing.



- Unlock:** Tap " " to open the electric lock and gate lock.
- Hang up:** Tap " " to hang up.
- Settings:** Adjust image brightness, chroma, contrast and volume.
- Snapshot/Video:** When calling, it will automatically take a snapshot or video for the visitor. When monitoring, you can manually take a snapshot or video (A TF card is required for taking videos).

## Indoor Unit Network Configuration

- On the indoor unit, tap "Network" >> "WLAN", select the Wi-Fi name and enter the password to connect the Wi-Fi.
- On your mobile phone, scan the QR code below to download and install the app.



TuyaSmart

Android 5.0 / iOS 8.0 or higher

- Register an account and login.
- On the indoor unit, tap "Network" -> "QR Code", the device QR code will be pop-up.
- Open the app, tap "+" at the upper right, select "Scan QR Code" to scan the QR code of the indoor unit, after, the device will be added successfully.

Scan the QR code below for the app operation details.



**NOTE:** It may fail to scan the QR code with the scan feature of some application (for example: WeChat). In this case, it is recommended to scan the QR code with the scan feature of the browser in order to download the app operation details.

## Specifications

Adapter	Input: AC100-240V 50/60Hz Output: DC15V 2A
Power Consumption (when the indoor unit is connecting the outdoor unit)	Standby power: < 3W Max working power: < 9W

Wiring between outdoor and indoor units	0~15m	RVV2*0.2 mm <sup>2</sup>
	0~30m	RVV2*0.5 mm <sup>2</sup>
	0~50m	RVV2*1.0 mm <sup>2</sup>
	0~100m	RVV2*1.5 mm <sup>2</sup>
Unlocking Distance	0~10m	RVV2*1.5 mm <sup>2</sup>
Electric lock voltage/ current	DC12V/3A(Max)	
Gate lock voltage/ current	AC/DC ≤ 24V/2A(Max)	
Relative Humidity	10%~90%(RH)	

## Indoor unit

Display Dimension	7"
Resolution	1024*600(RGB)
Ring/talk volume	75~85dB (30cm)
Picture size	25KB, JPG format
Picture quantity	>10, storage circulation (TF card)
Video Recording	MP4 format, Max recording time: 120s, file size: 52KB
TF card storage	Max. 128GB
Outline Size	117.7(L) * 174.2(W) * 21.9(H)mm
Operating Temperature	-10°C~50°C

## Outdoor unit

Camera	1080p
Viewing Angle	Horizontal ≤110° vertical ≤65°
Night vision LED	940 nm (Infrared)
Outline Size	134(H)*48(W)*40(D) mm
Operating Temperature	-20°C~50°C
IP Rating	IP55