

Wireless Villa Video Door Phone

User Manual



Please Read This User Manual Carefully Before Operation
And Follow The Professional Guidance Strictly

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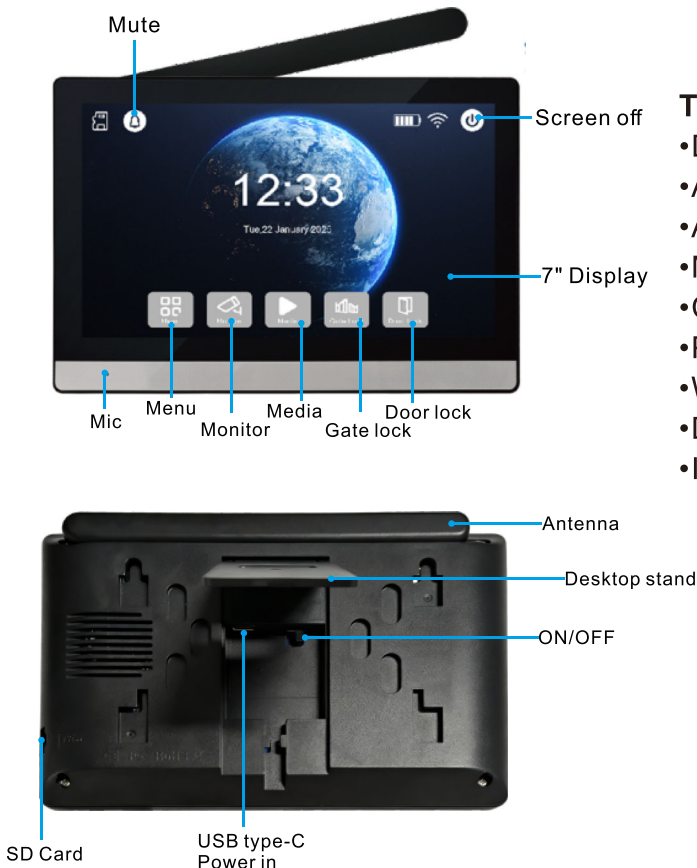
Instruction - Call Panel



Technical Specifications:

- Camera: 1080P 2MP
- Viewing Angle: 115 Degree
- Night Vision: Infrared LEDs
- Video frame rate: PAL 25fps
- Audio input: Built-in Omnidirectional Microphone
- Audio output: Built-in Loudspeaker
- Audio quality: Noise Suppression and Echo Cancellation
- Light supplement mode: White LEDs
- IP Rating: IP 65
- Material: ABS Plastic Body + Acrylic Lens Cover
- Angular Bracket: Optional
- Color: Gray
- Power: 18650 batteries (3500mA*2= 7000mA). support charging the battery with solar panel
- Working Temperature: -40°C to +70°C
- Working humidity: 10%-95%
- Dimension(L x W x H): 160 ×62×37 mm
- Installation: Surface wall mounted

Instruction - Indoor Monitor

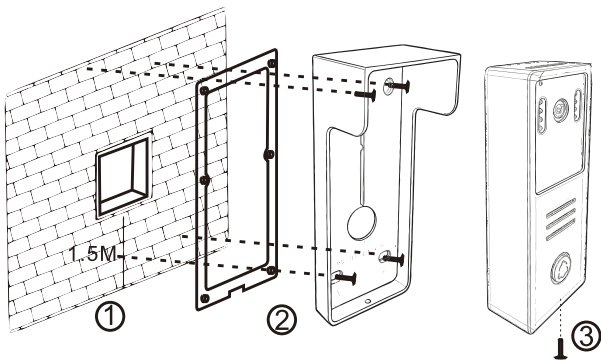


Technical Specifications:

- Display: 7" IPS HD Screen / 1024 * 600 Pixel
- Audio input: Built-in Omnidirectional Microphone
- Audio output: Built-in Loudspeaker
- Material: ABS Plastic
- Color: Black + Silver Edge
- Power : 5000mAh battery ; 5V 2A adapter.
- Working humidity: 10%-95%
- Dimension(L x W x H): 184x128x20 mm
- Installation: Surface wall mounted / Desktop

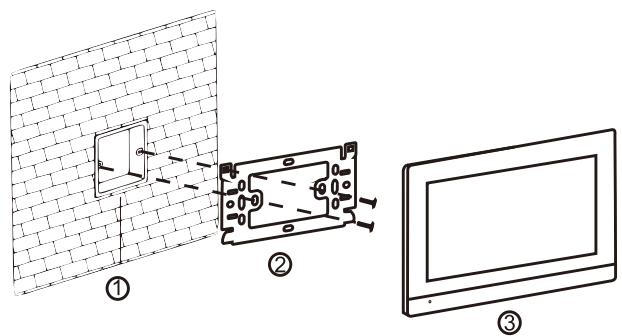
Installation

- ① Drill screw holes in the location of the wall mounting plate
- ② Fix the wall mounting plate to the wall with 4 screws
- ③ Insert the outdoor station to the plate and fasten it with a screw.



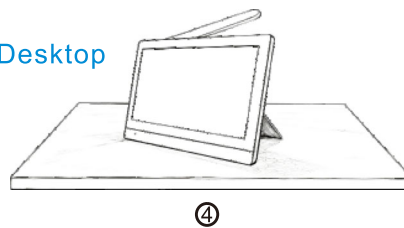
- ① Drill screw holes in the location of the wall mounting plate
- ② Fix the wall mounting plate to the wall with 2 screws
- ③ Insert the indoor monitor to the plate and fasten it with a screw.

Wall-mounted

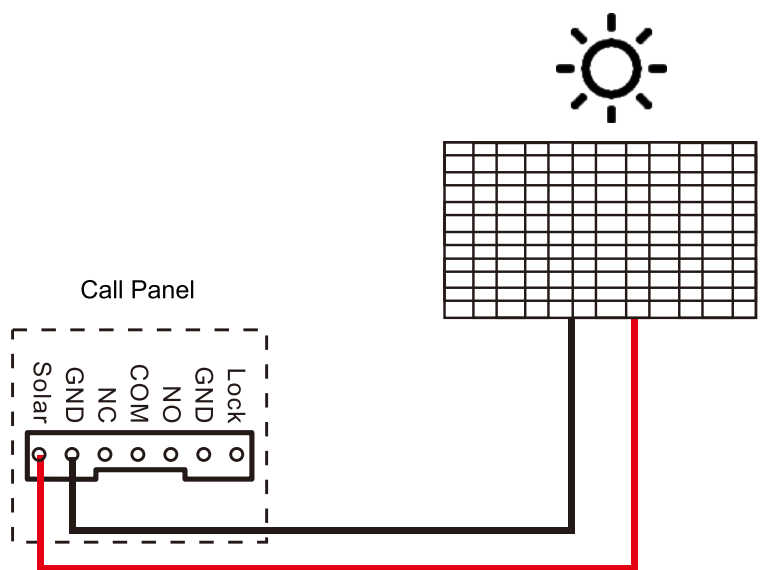


- ① Indoor monitor can be placed on the desk

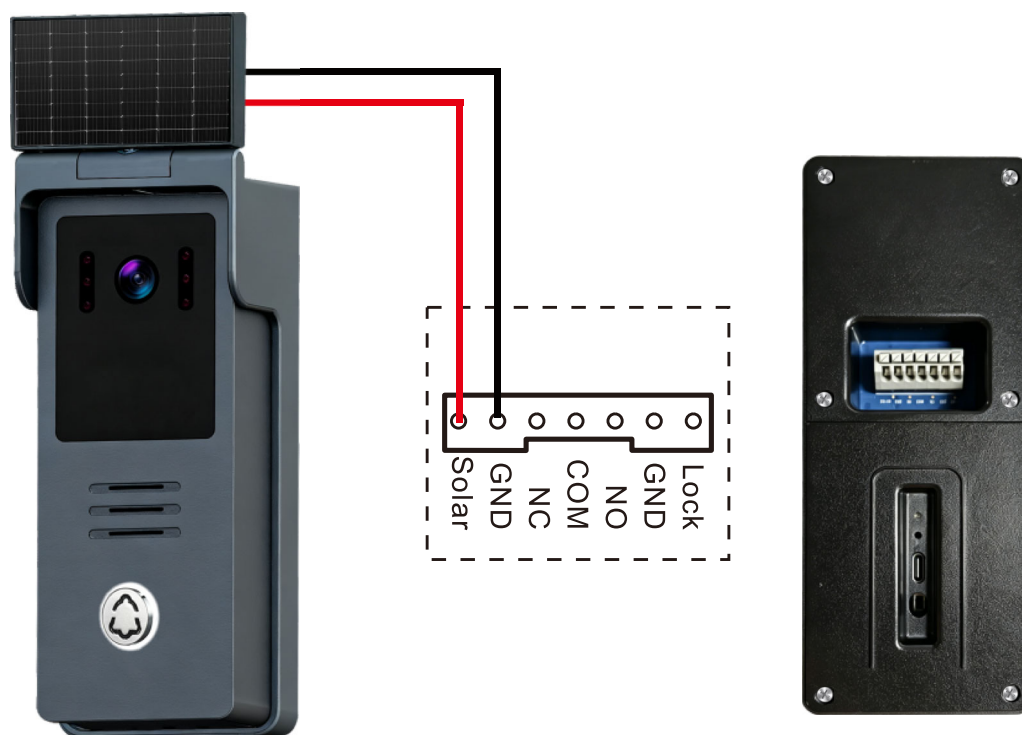
Desktop



External Solar Panel Diagram

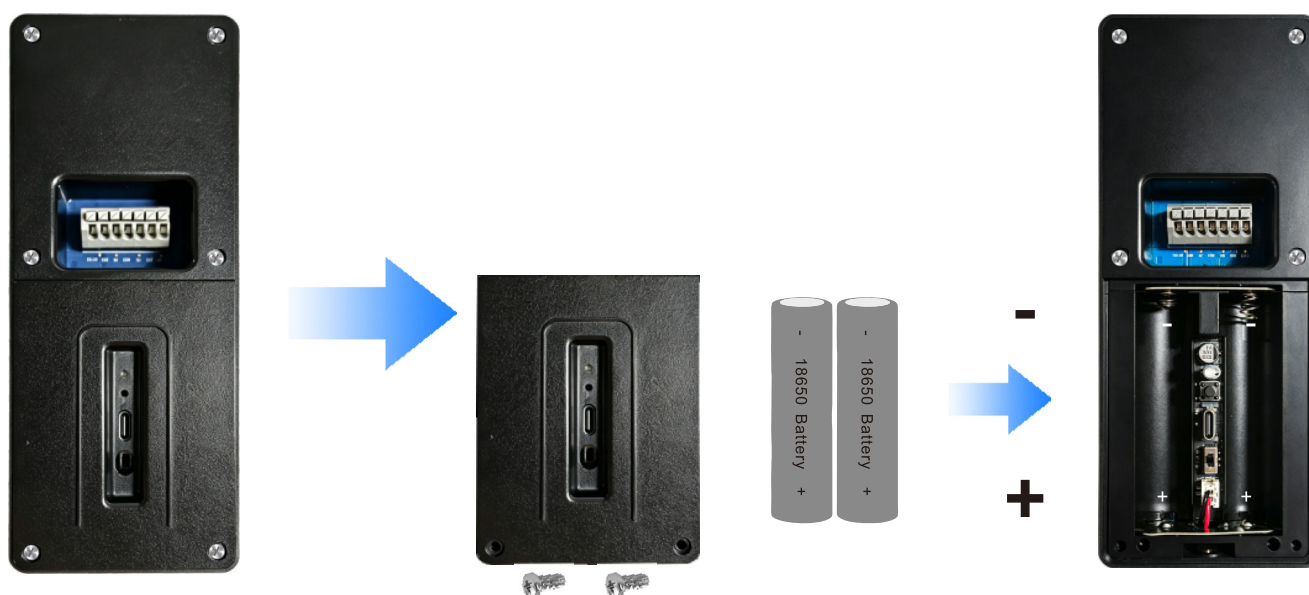


Built-in solar panel Diagram

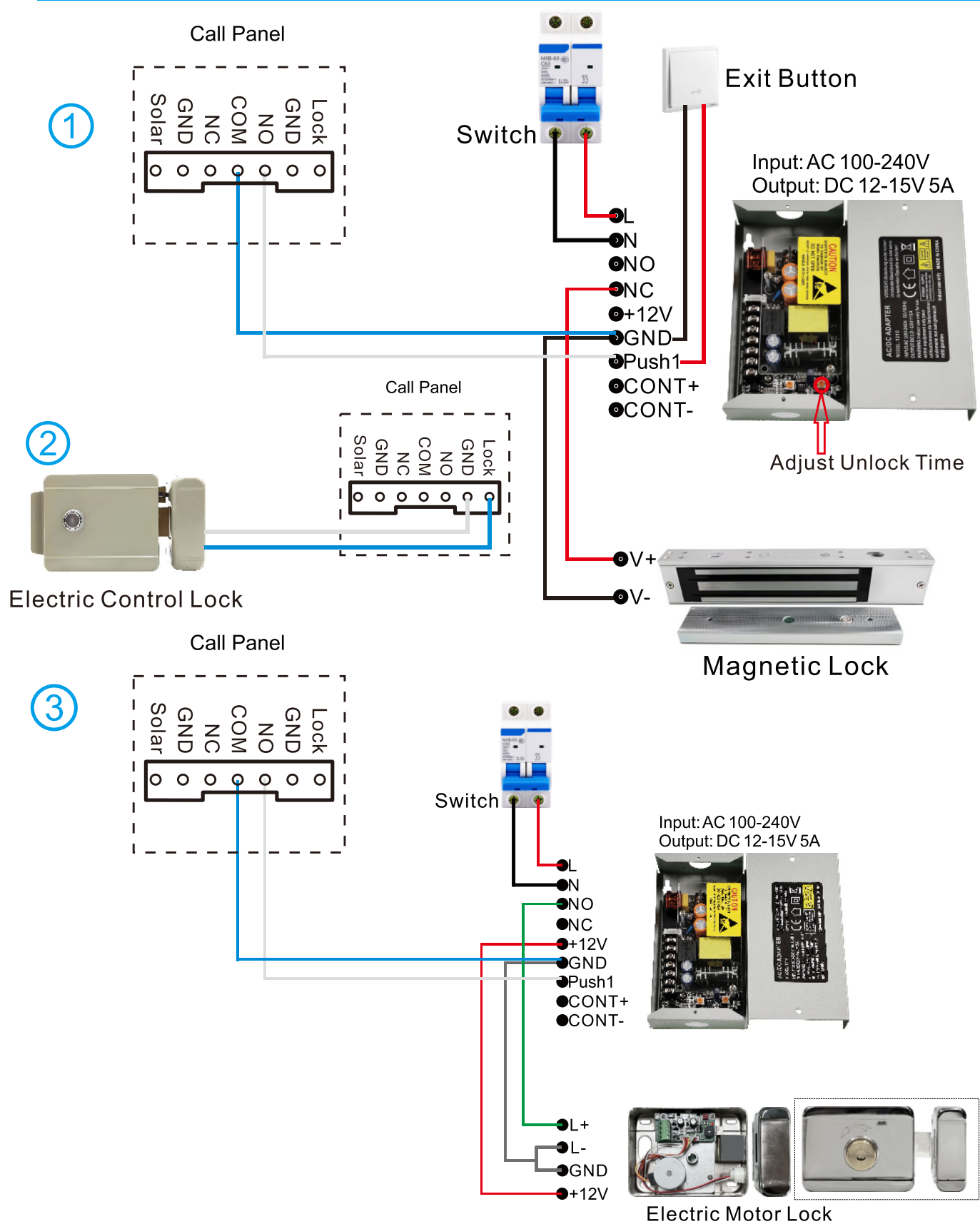


Battery Installation

1. Loosen the 2 bottom screws and remove the back cover.
2. Prepare 2 batteries of Model: 18650.
3. Pay attention to the positive and negative terminals of the batteries during installation.



Lock Wiring Diagram

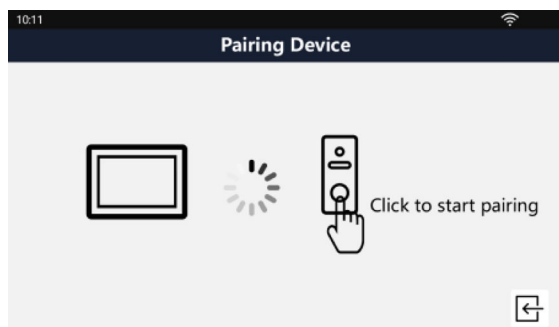
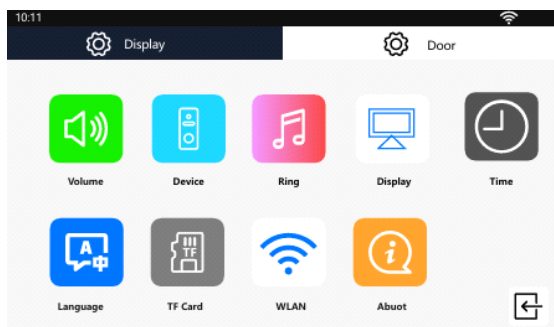
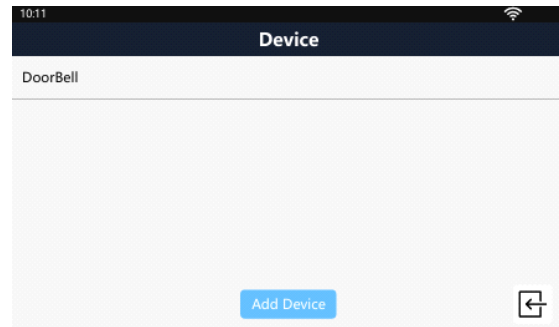


4



Indoor Monitor Operation

Pairing



Indoor monitor and outdoor call panel need to be paired before they can be used. Follow these steps:

Step 1: Power on indoor monitor and outdoor call panel;

Step 2: On the indoor monitor, go to Menu-Device. Then tap Add Device to start pairing.

Step 3: After that, press the pairing button with a tool.
Waiting for pairing to complete.



Pairing Button

Indoor Monitor Operation

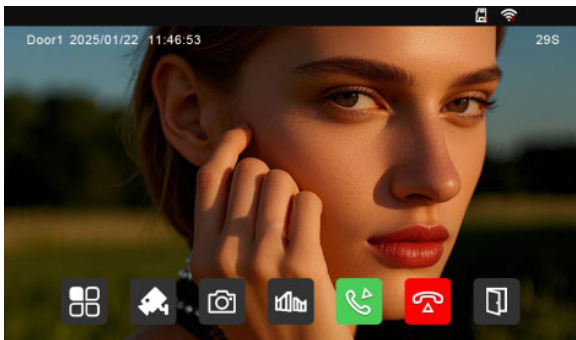


1.Homepage

- 1.1 Silent Mode: Tap to mute the system.
- 1.2 Turn off: Tap to turn off the screen.
- 1.3 Menu: Tap to go to settings.
- 1.4 Monitor: Tap to view the live video of outdoor call panel.
- 1.5 Media: Tap to check videos and photos in memory card.
- 1.6 Gate Lock: Tap to unlock Gate Lock.
- 1.7 Door Lock: Tap to unlock Door Lock.

2.Monitor

View the live video of outdoor call panel.



3.Media

View photos and videos records.

Media		
Photo	Type	
20250911-162224	Motion	
20250910-112353	Call	
20250911-123054	Manual	
20250911-123055	Manual	
20250911-123056	Manual	

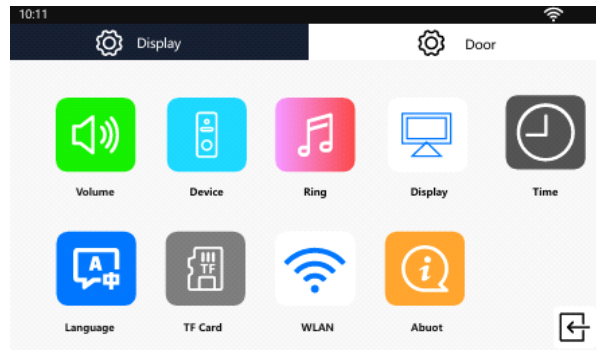
Media			
Video	Duration	Type	
20250911-162224	10 s	Motion	
20250910-112353	30 s	Call	
20250911-123054	40 s	Manual	
20250911-123055	50 s	Manual	
20250911-123056	55 s	Manual	

Indoor Monitor Operation

4.Menu

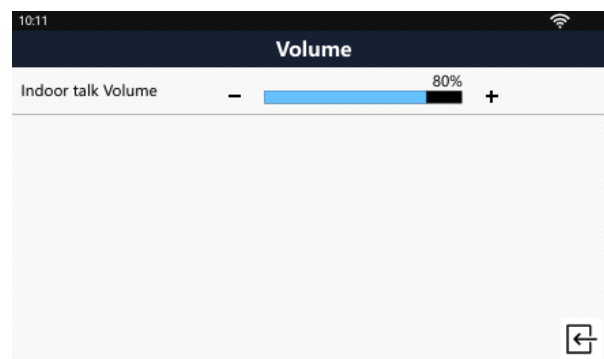
4.1 Display

Indoor monitor setting options:



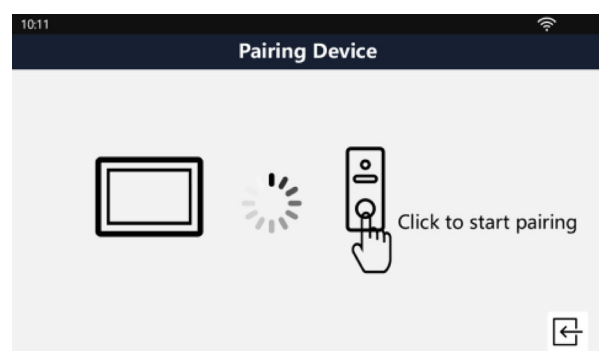
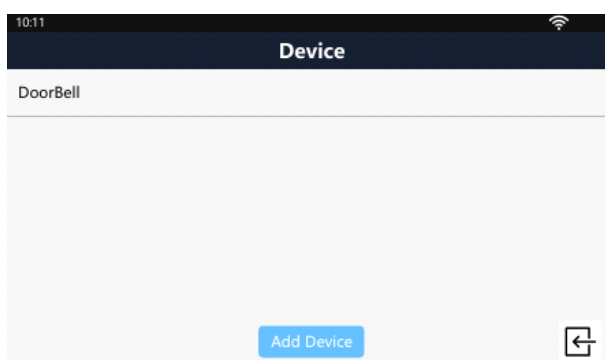
4.1.1 Volume

Talk volume setting: Click the + or - icon or slide the progress bar to adjust the volume.



4.1.2 Device

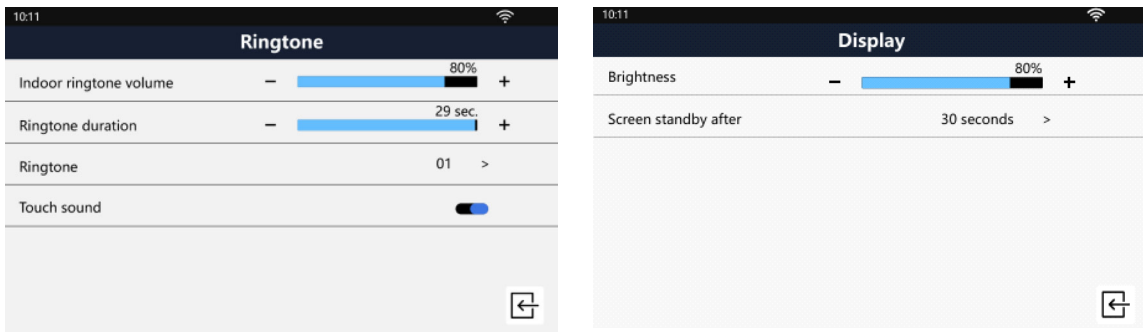
Pairing with outdoor call panel.



4.1.3 Ring

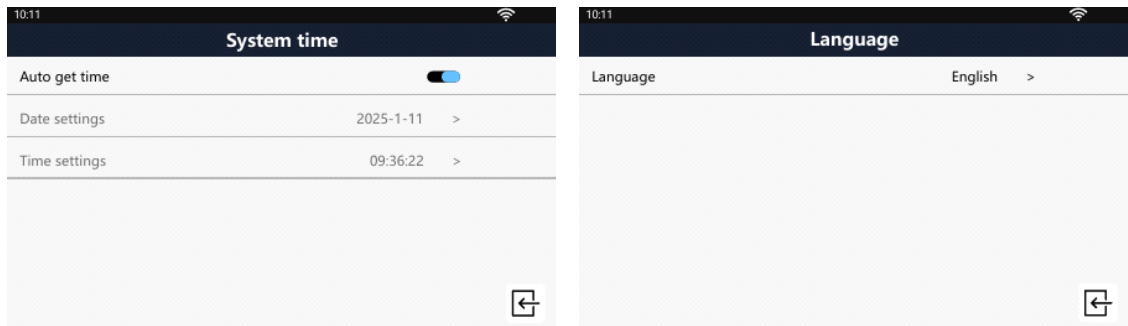
Select the indoor monitor's ringtone, and set the ringtone duration and volume. Click the + or - icon or slide the progress bar to adjust.

Indoor Monitor Operation



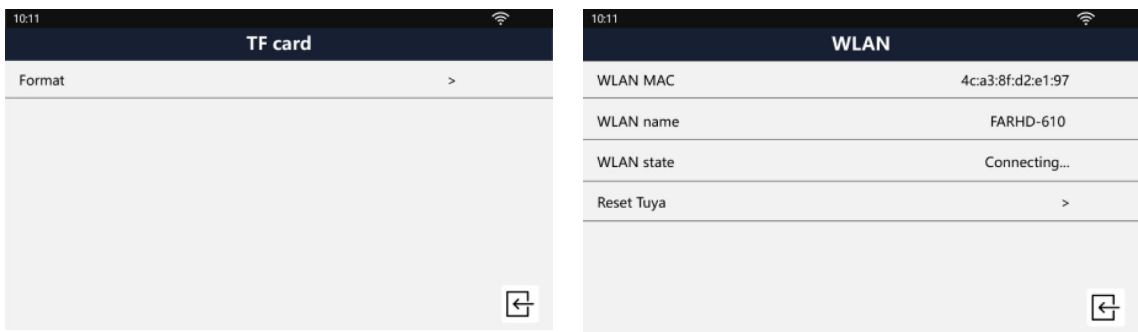
4.1.4 Display
Set screen brightness and screen-off time. Click the + or - icon or slide the progress bar to adjust brightness.

4.1.5 Time
Set time and date.



4.1.6 Language
Select a language. Supports Simplified Chinese, English, Arabic, French, German, Russian, Spanish, Portuguese, Turkish, and Italian.

4.1.7 TF Card
Format the memory card.



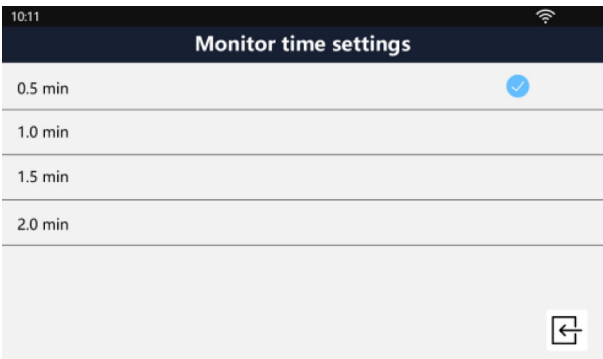
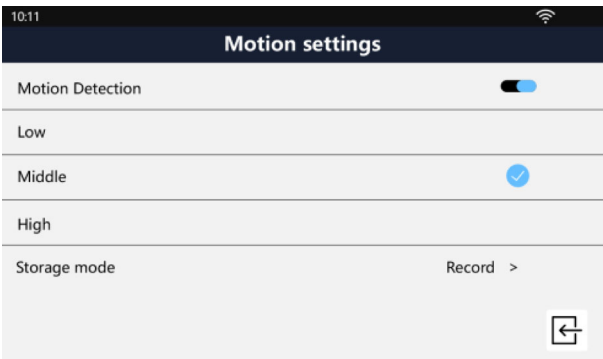
4.1.8 WLAN
Displays WiFi connection status; Reset Tuya binding.

4.1.9 About
Displays the indoor monitor's version information. Includes restart and factory reset functions.

Indoor Monitor Operation

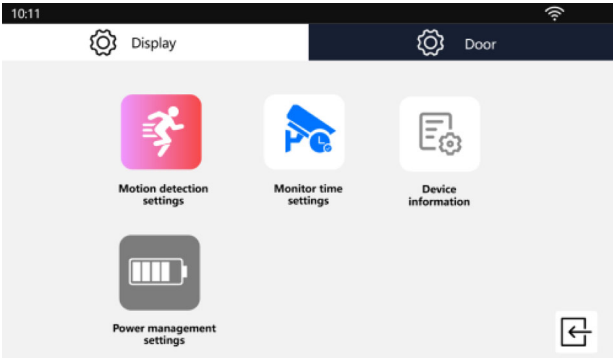
4.2 Door

Outdoor call panel setting options:



4.2.1 Motion detection settings

Enable motion detection, set sensitivity(Low, Middle and High). When PIR Push is enabled, the app will get alarm notification after motion detection is triggered.



4.2.2 Monitor time set

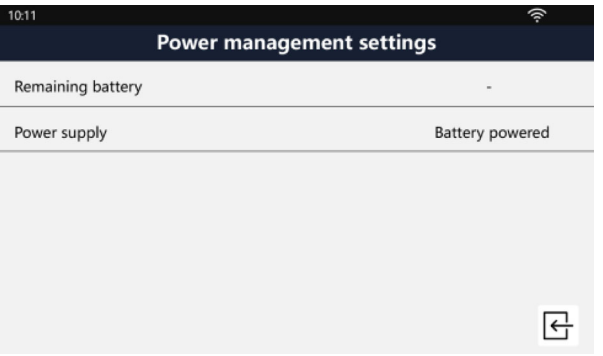
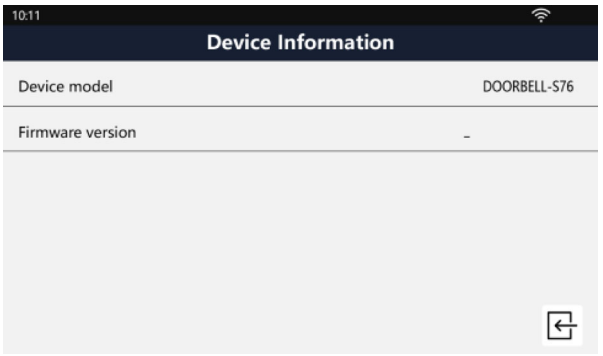
Adjust monitoring and talk duration.

4.2.3 Power management

Display the remaining battery power of the outdoor unit.

4.2.4 Device information

Display outdoor call panel software version.



How to Connect with Mobile Tuya APP

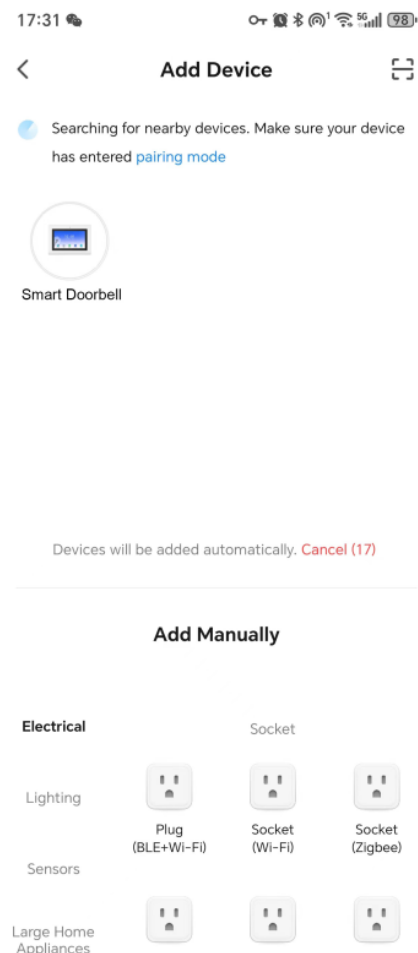
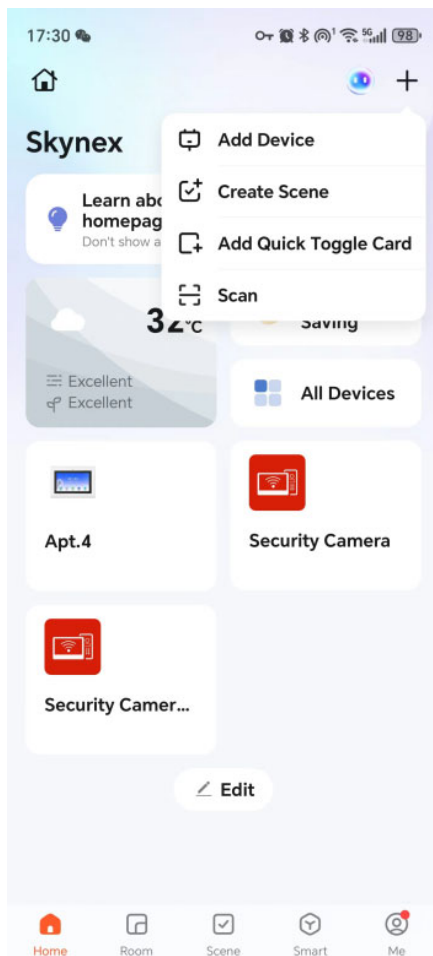
Step 1

The mobile phone should be connected to the same Wi-Fi network as the monitor. Then, download either "Tuya Smart" or "Smart Life-Smart Living" from Google Play or the App Store, and register or log into your account.



Step 2

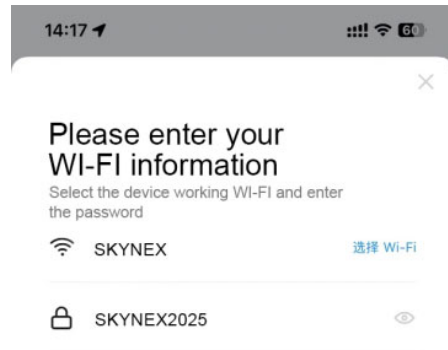
Open the app and click "Add Device." It will then search for and pair with the device.



How to Connect with Mobile Tuya APP

Step 3

Click on Smart Face to connect WiFi and to bind App.



Method 1

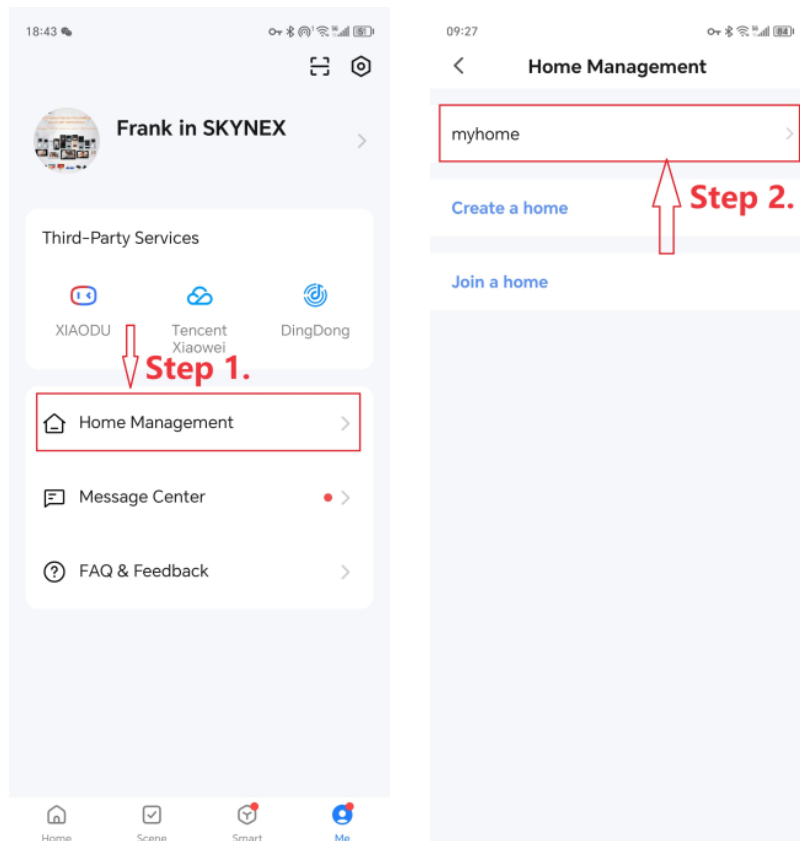
Log into your Tuya account on other family members' phones. A single account supports up to 200 mobile devices logged in simultaneously.

Method 2

Alternatively, add their accounts through your app (up to 20 members).

Steps 1

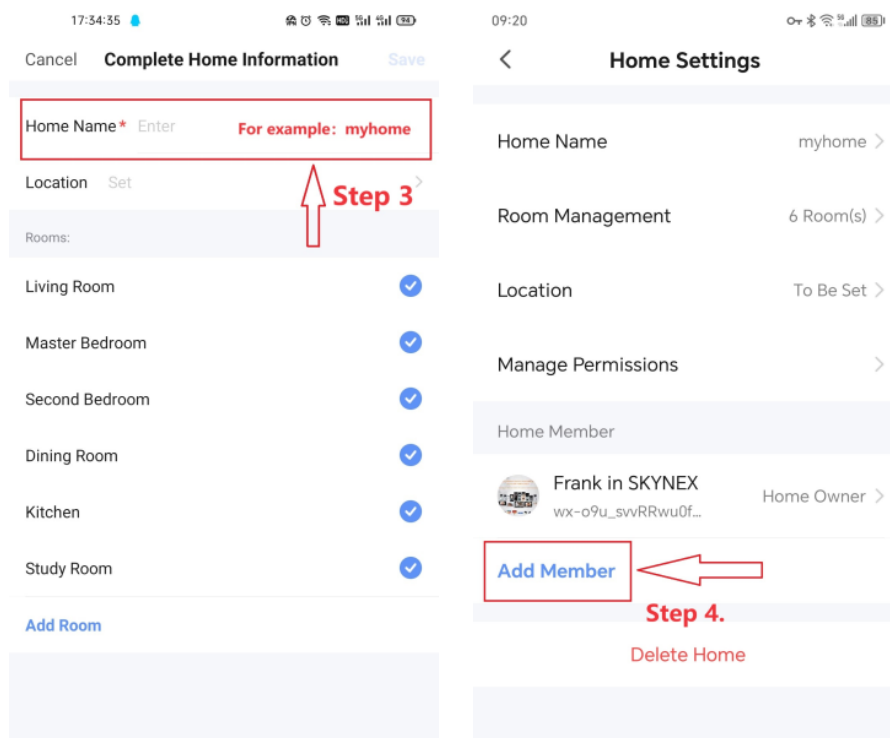
Go to "Me" > "Home Management."



How to Connect with Mobile Tuya APP

Steps 2

You need to "Complete Home Information" if you haven't used Tuya or Smart Life before. Name the family group something like "My Home." Then, in "Home Settings," add family members.



FAQ:

No.	Question	Reason	Answer
1	Pairing/registration fails	1. Interference from same-band devices during pairing	1. Temporarily turn off other 868/915MHz devices; re-pair within 1m (3ft)
2	Poor signal strength	1. Severe wall obstruction (load-bearing walls / metal layers) 2. Indoor unit too far from outdoor unit. 3. Antenna improperly installed or degraded 4. Outdoor unit mounted too low or blocked by metal objects	1. Avoid load-bearing walls/metal layers. 2. Shorten distance or move indoor unit toward villa center. 3. Check antenna is securely tightened; replace if needed. 4. Increase mounting height; avoid metal obstructions
3	Why can't the indoor monitor connect to the Tuya app?	1. The Internet connection may be unstable.	1. Restart WiFi router and reconnect to WiFi. 2. Try again when the Internet is stable.

WARRANTY CARD

Buyer Company		Buyer Address	
Buyer Name		Buyer Mobile	
Date of Purchase		PI Invoice	
Product Name		Product Model	
Maintenance Record	Filing Date	Fault Description	

If the issue persists, please contact our technical support team.

WARRANTY TERMS

This Video Door Phone Is Warranted To Be Free From Manufacturing Defects In Material & Workmanship For a Period Of 1 Year From The Date Of Purchase.

WARRANTY COVERAGE

- Manufacturing defects
- Functional failure under normal use
- Replacement or repair of defective components

This Warranty Does Not Cover :

- Damage due to misuse, mishandling, or improper installation
- Physical damage, water ingress, or electrical surges
- Unauthorized repairs or modifications
- Consumables such as cables, mounts, or power supplies

SERVICE & SUPPORT

In case of a defect, please contact the dealer or the authorized service center along with:

- This warranty card (duly filled and stamped)
- Original purchase invoice

Warranty service will be provided only upon presentation of valid documents.

DISCLAIMER

Contact for Support

For inquiries or disputes related to this manual, please contact our support team.

Documentation Updates

Device specifications and features are subject to change without prior notice due to continuous product development. To obtain the latest version of the manual in PDF format, please contact our support team.

Accuracy Notice

While every effort is made to ensure accuracy, discrepancies between the manual and actual device may exist. Refer to the device interface or packaging for current information.

Authorized Dealer Stamp & Signature

Date: ___ / ___ / ____



FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.