Video Intercom

Instruction Manual V4.0

(IP Series)



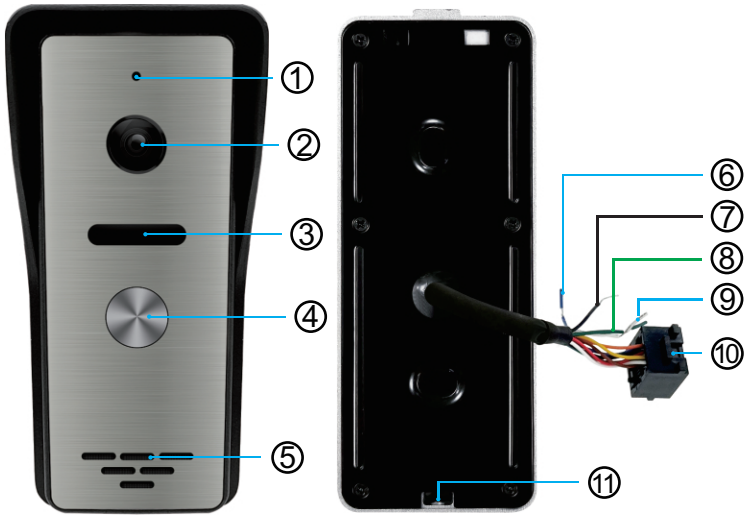




Before using this product, carefully read and retain the Instruction Manual (V4.0).

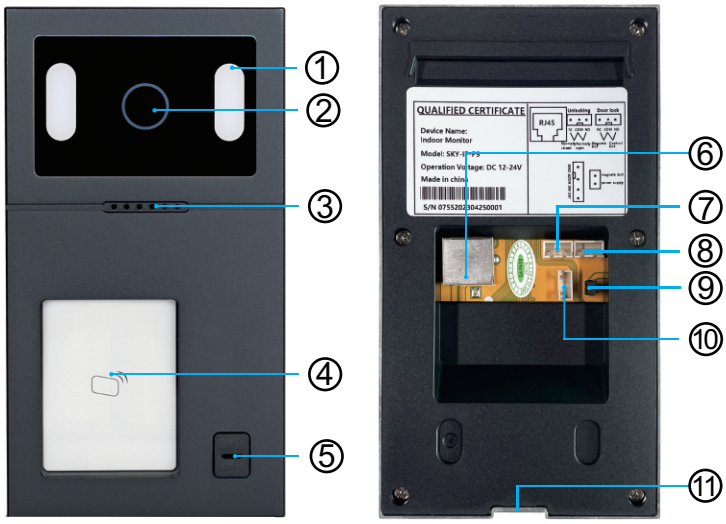
Overview - Call Panel

P4



① Microphone
② Camera
③ LED
④ Call Button
⑤ Speaker
⑥ Blue = Door Sensor
⑦ Black = COM (Lock)
⑧ Green = NC (Lock)
⑨ White = NO (Lock)
⑩ Ethernet Port
⑪ Mounting Screw Hole

P901



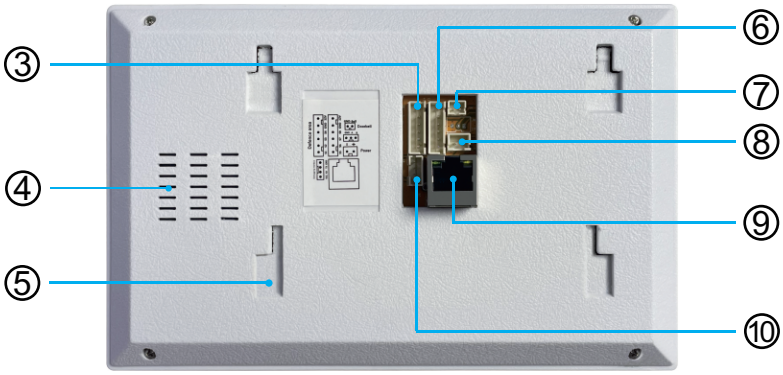
① LED
② Camera
③ Speaker
④ IC/ID Card Reader
⑤ Call Button
⑥ Ethernet Port
⑦ Lock (Dry Contact Mode): NC COM NO
⑧ Lock (Power Supply Mode): NC GND NO
⑨ Jumper Header
⑩ Function: GND TBD SW DET
⑪ Mounting Screw Hole

Note: There is a jumper cap in accessories kit.

Overview - Indoor Monitor

M72T

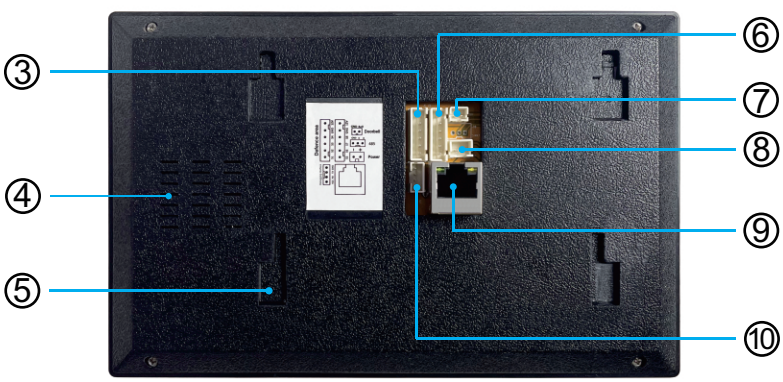




① Screen
② Microphone
③ Detector: S1 S2 S3 S4 GND 12V
④ Speaker
⑤ Bracket Slot
⑥ Detector: S5 S6 S7 S8 GND 12V
⑦ Doorbell: Bell GND
⑧ Power: V+ V-
⑨ Ethernet Port
⑩ Debug: VCC RX TX GND

M72T





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⑩ Debug: VCC RX TX GND

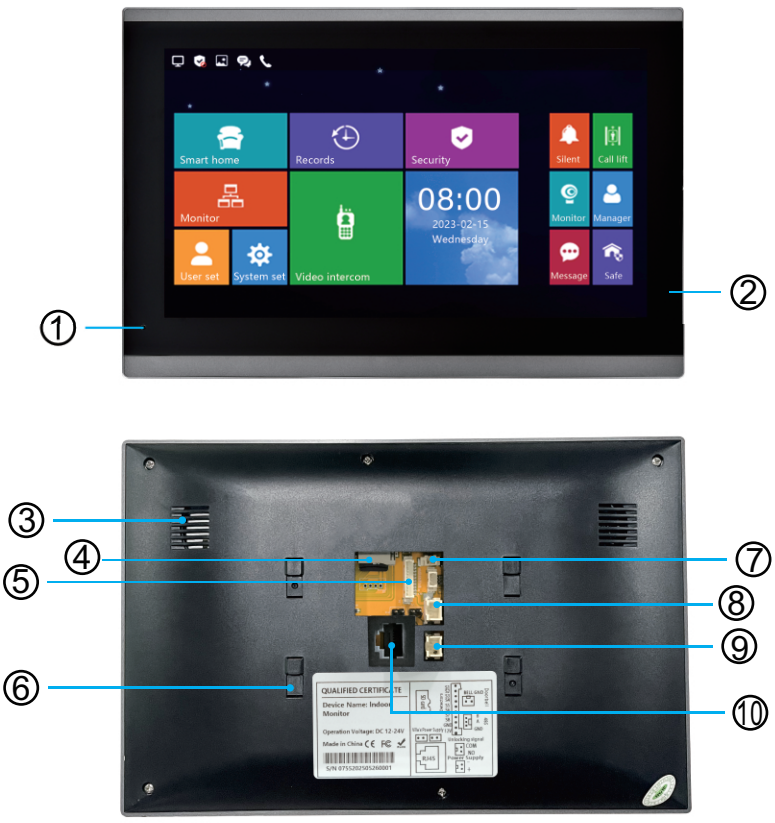
Overview - Indoor Monitor

M76T



① Microphone
② Screen
③ TF Card Slot
④ Detector: S1 S2 S3 S4 S5 S6
S7 S8 GND 12V
⑤ Speaker
⑥ Bracket Slot
⑦ Doorbell: Bell GND
⑧ Lock: COM NO
⑨ Power: V+ V-
⑩ Ethernet Port

M92T



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⑤ Detector: S1 S2 S3 S4 S5 S6
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⑥ Bracket Slot
⑦ Doorbell: Bell GND
⑧ Lock: COM NO
⑨ Power: V+ V-
⑩ Ethernet Port

Call Panel Installation-P4



Call Panel Installation-P9



Indoor Monitor Installation-M72T/M76T/M92T

Indoor Monitor Options



M72T



M76T



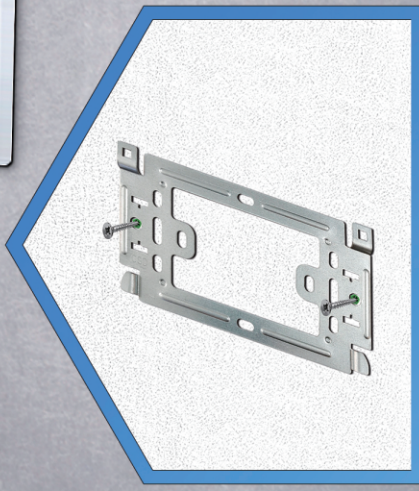
M92T





Drilling

Drill Screw holes at proper location for wall mounting plate.



Fix Wall Mounting Plate

Fix the wall mounting plate to the wall with 2 screws.



Hang indoor Monitor

Hang the indoor monitor on the wall mounting plate tightly.

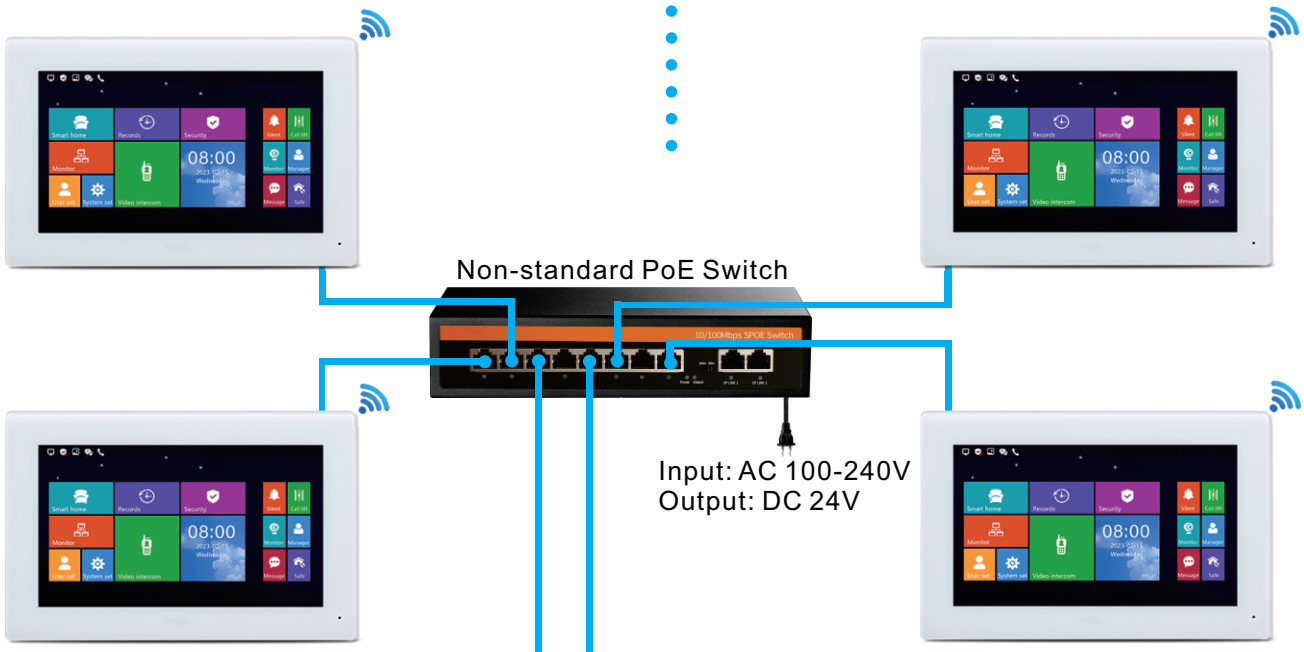
IP System -Villa 1 to 1 Diagram



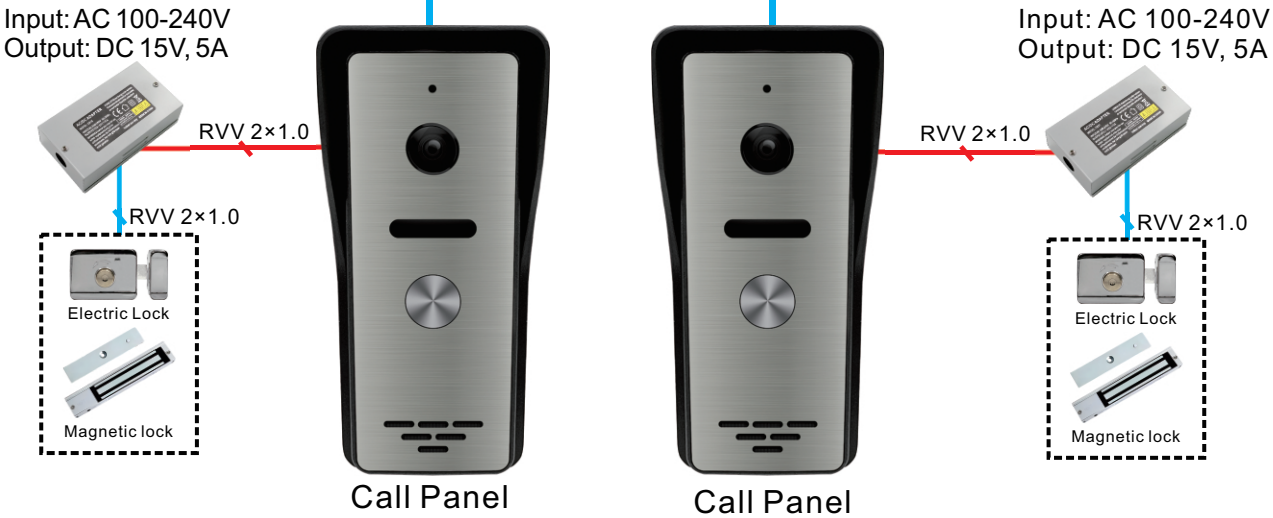
IP System -Villa 99 to 99 Diagram



Up to 99 pcs indoor monitor



Cat 5 / Cat 6 Cat 5 / Cat 6



IP System -Villa 1 to 1 Diagram

Indoor Monitor Options



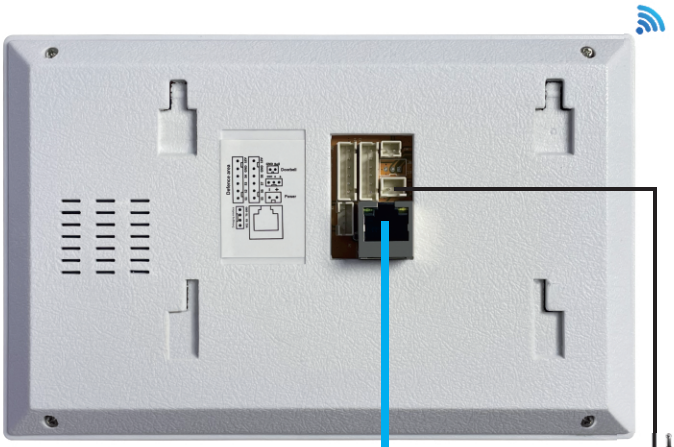
M72T



M76T



M92T



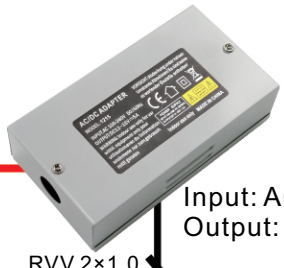




Power Adaptor

Cat 5 / Cat 6

RVV 2×1.0



Input: AC 100-240V
Output: DC 15V, 5A

RVV 2×1.0



Electric Lock



Magnetic lock

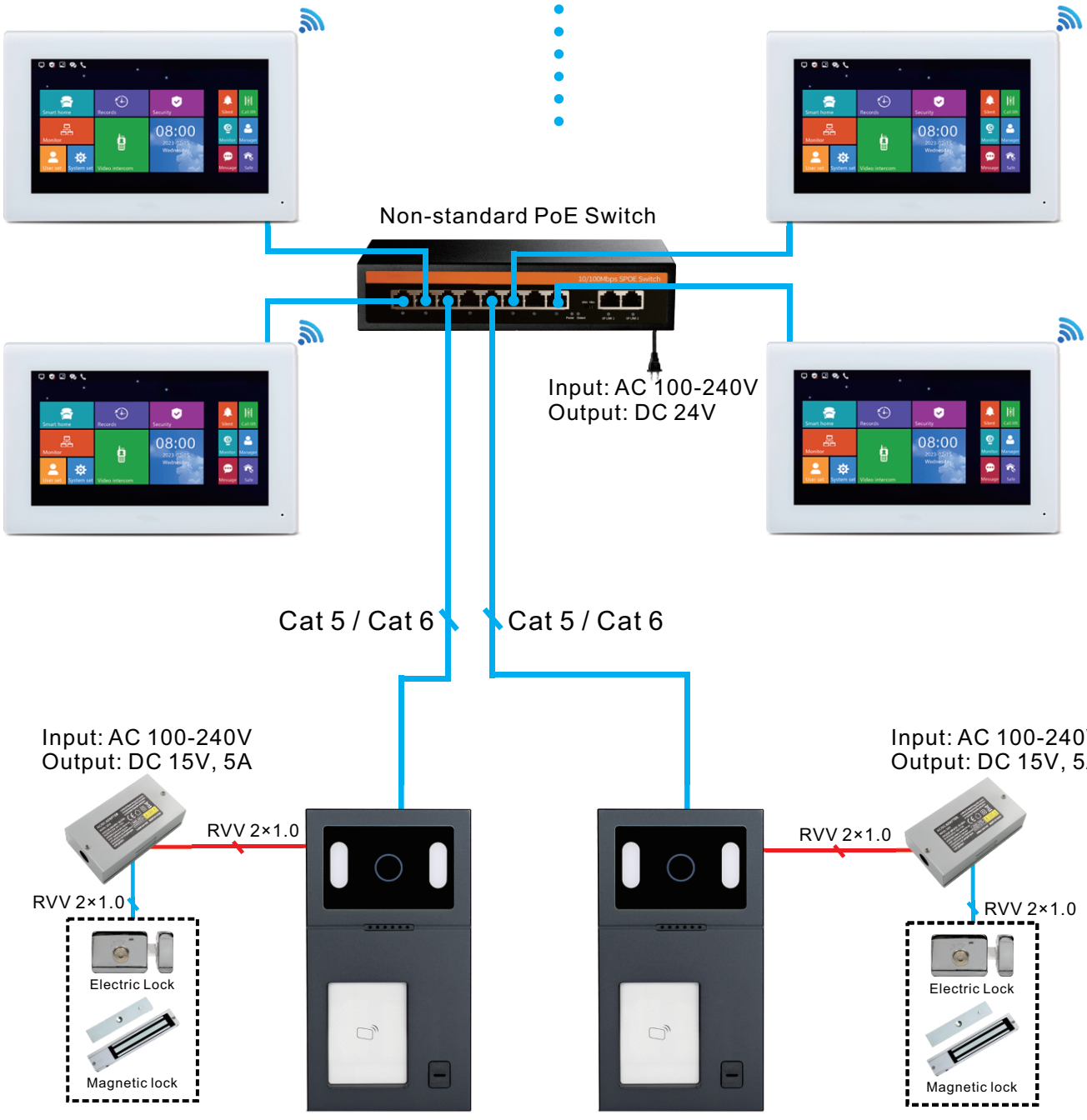




IP System -Villa 99 to 99 Diagram



Up to 99 pcs indoor monitor



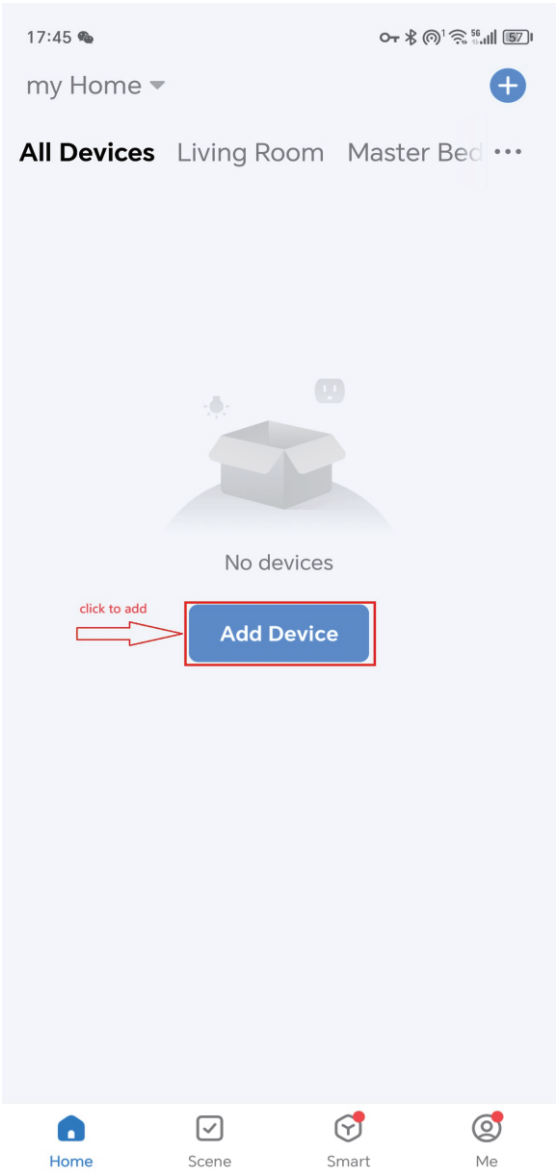
Connect Indoor Monitor to App

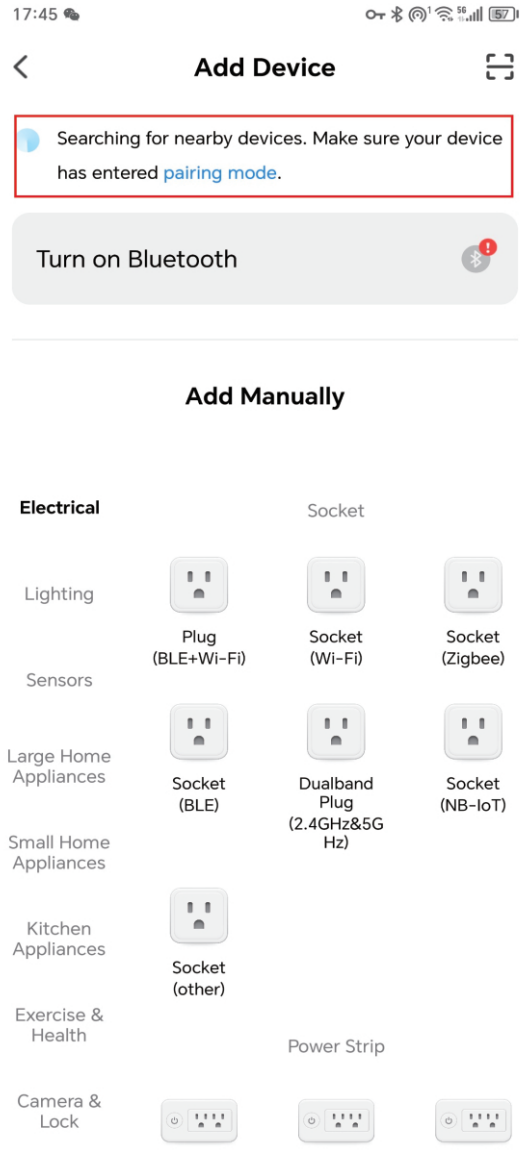
Step 1

Connect your phone to the same Wi-Fi as the Indoor Monitor. Download Tuya Smart or Smart Life - Smart Living from Google Play or App Store, then register or log in to your account.

Step 2

Open the mobile app and tap **Add Device**,then scan code,The app will automatically search and connect to your Indoor Monitor.

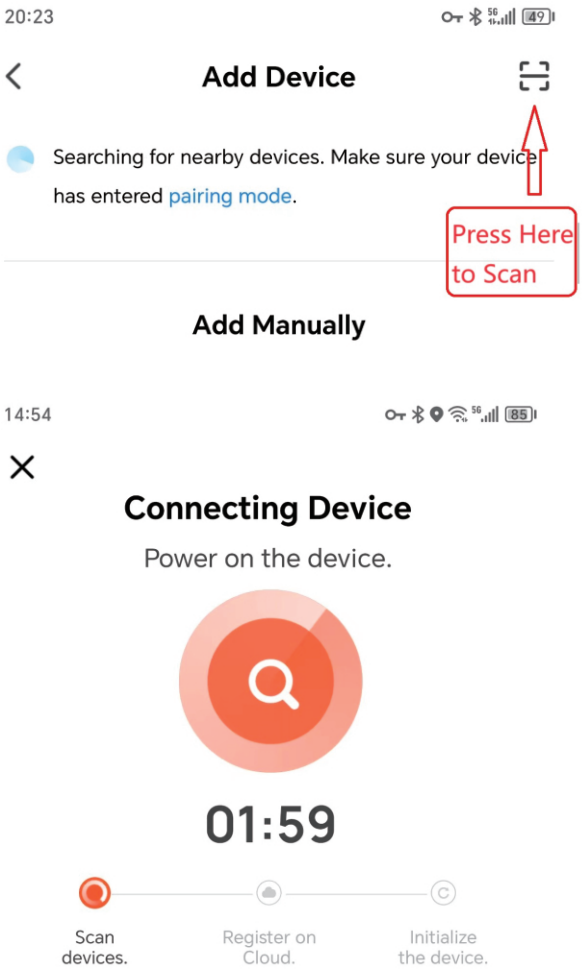


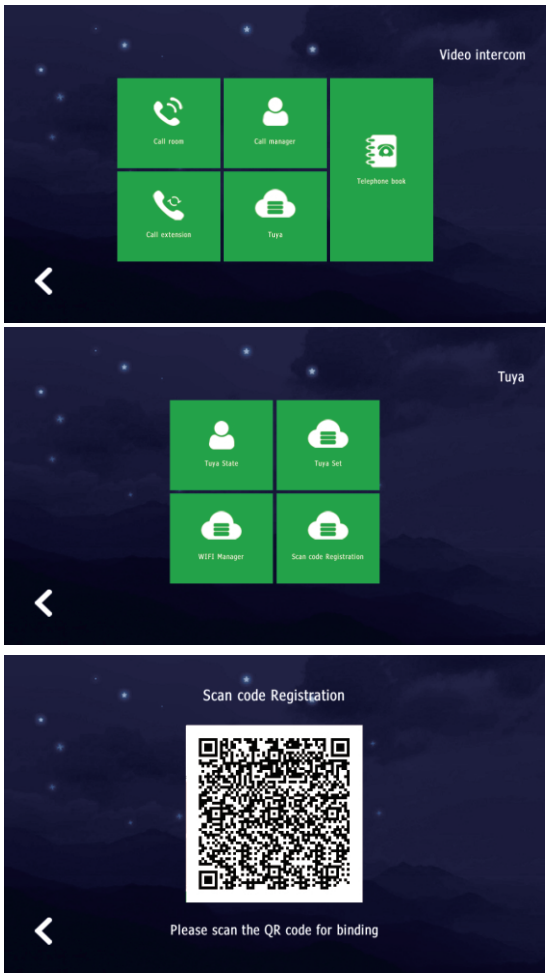


Connect Indoor Monitor to App

Step 3

On the Indoor Monitor screen, Tap **Video Intercom** > **Tuya** > **Scan Code Registration.** Then, scan the QR code with mobile app and wait until the process is complete.

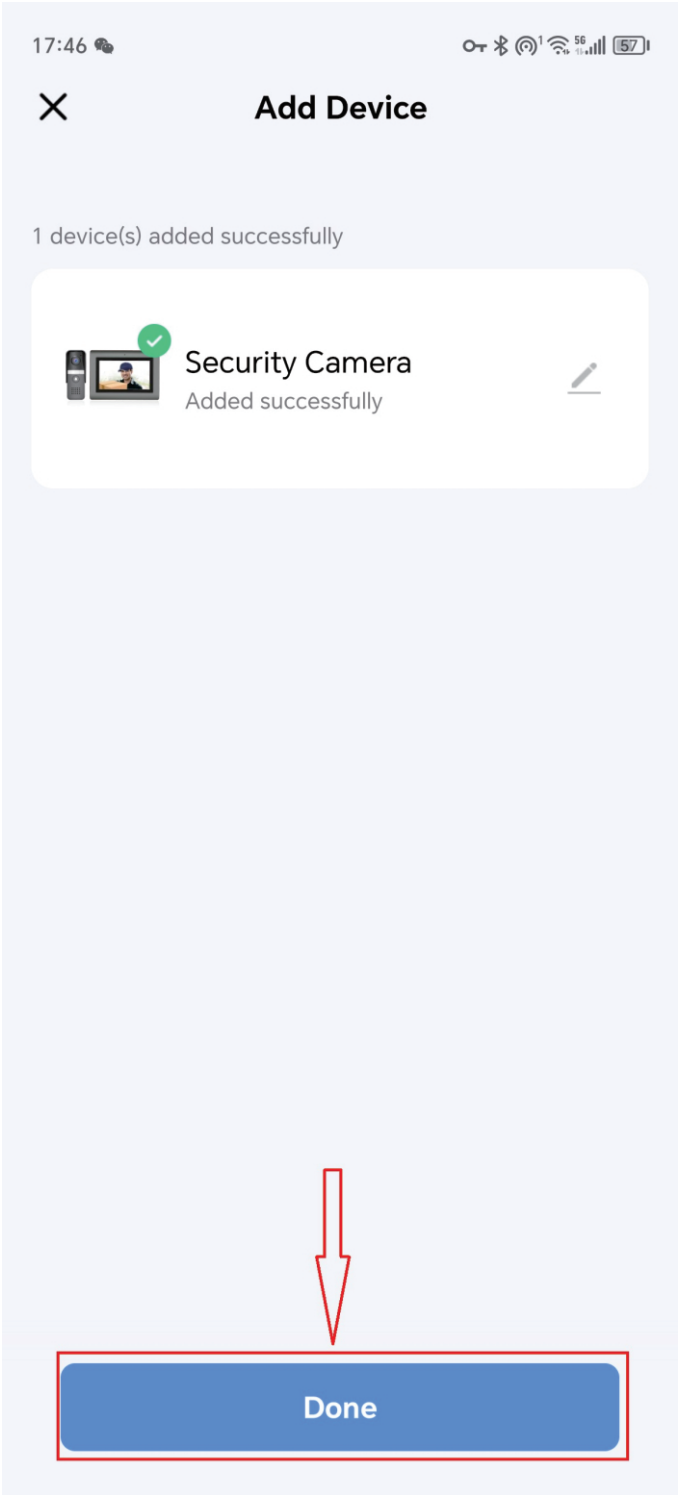


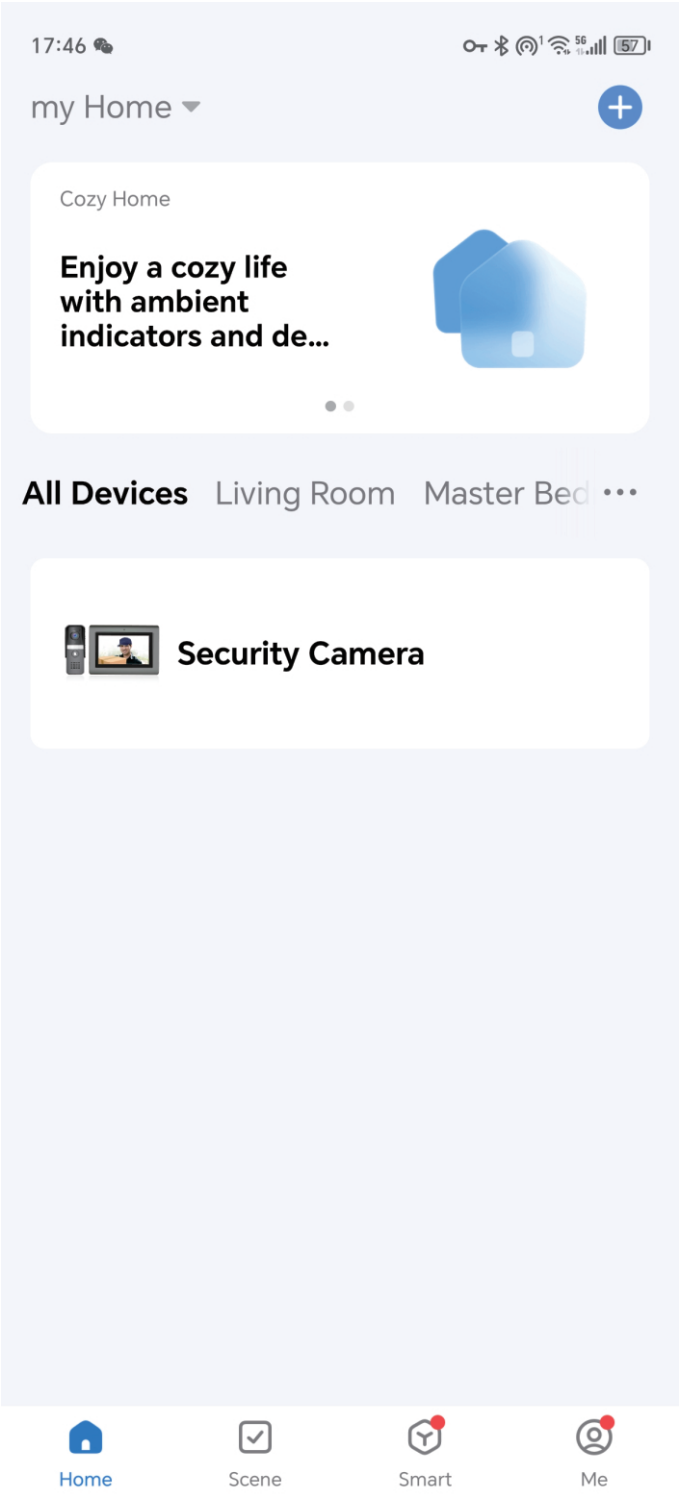


Connect Indoor Monitor to App

Step 4

When the process is complete, tap **Done**. The device will then appear in your device list.





How to share to family members

Method 1

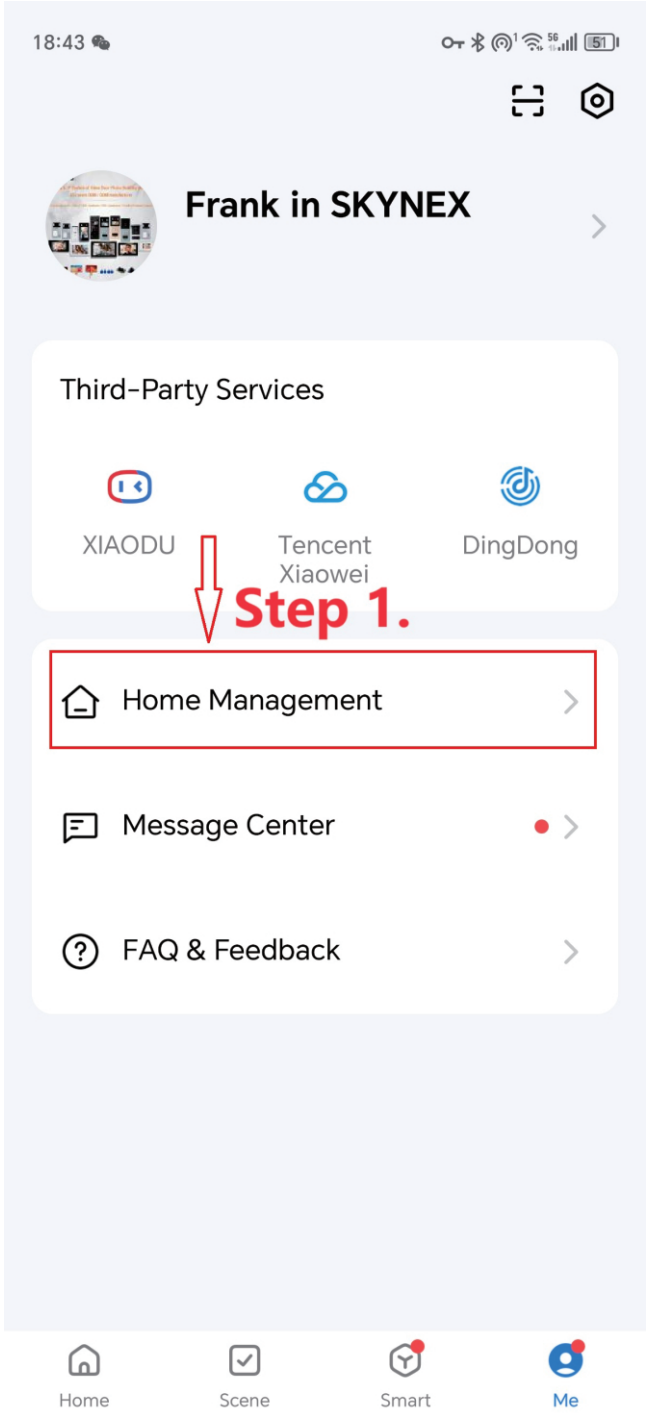
Sign in to Tuya Smart or Smart Life - Smart Living app on family members' phones using your account. You can have up to 200 devices logged in at the same time.

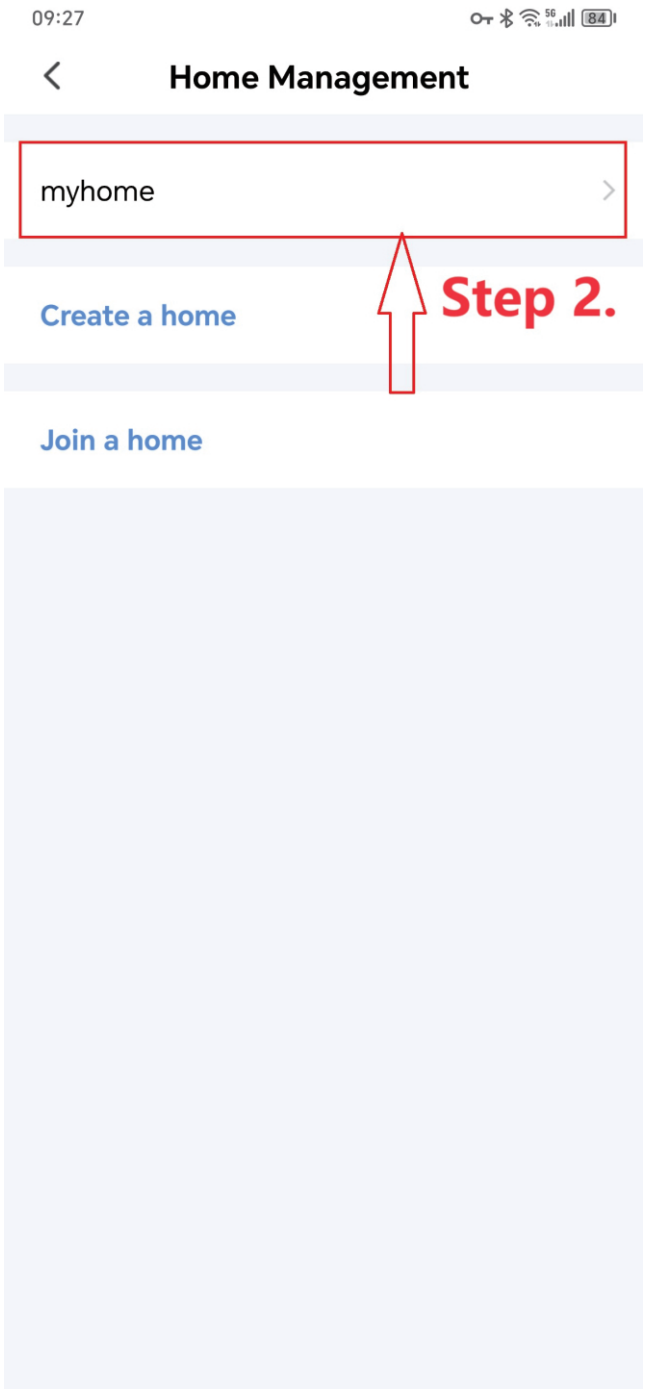
Method 2

Alternatively, add members through your app (maximum. 20).

Step 1

Go to **Me** > **Home Management**.





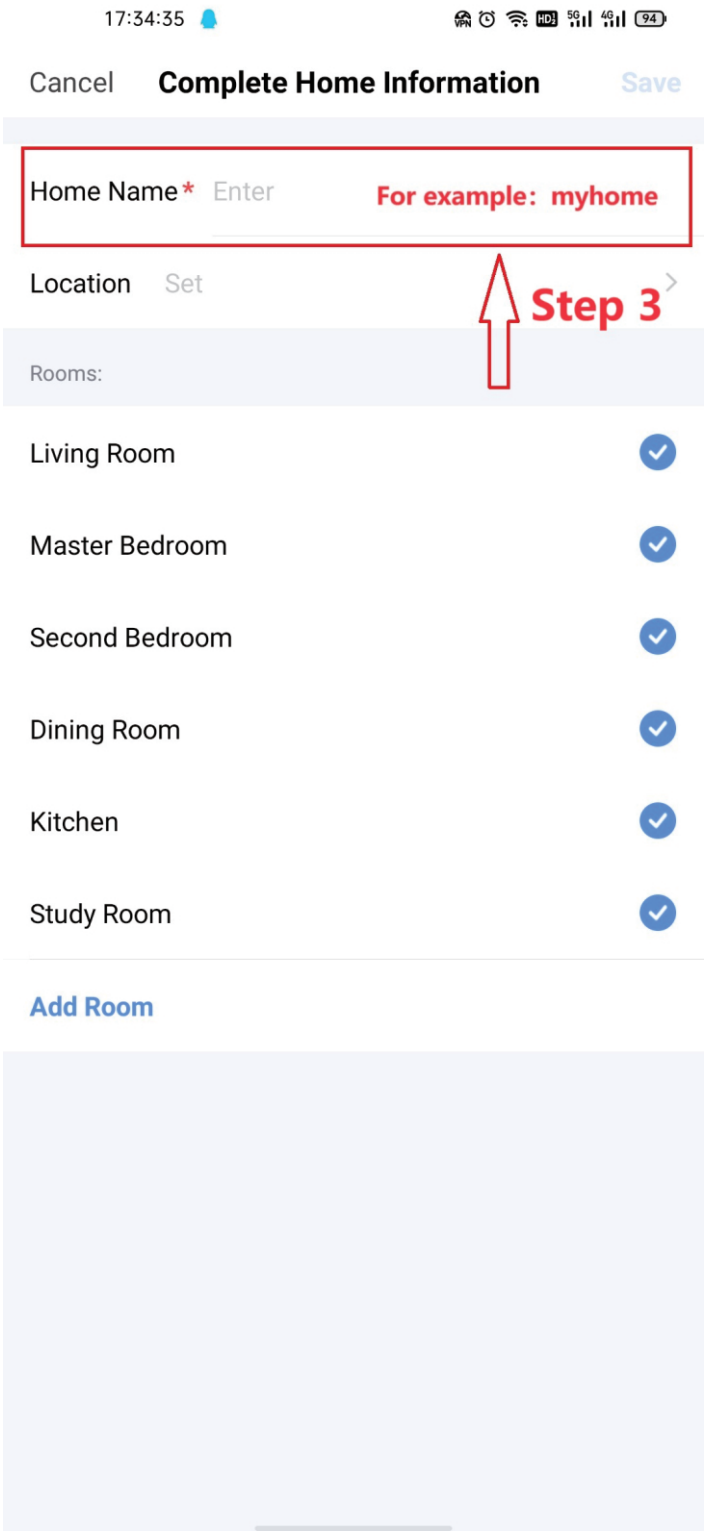
How to share to family members

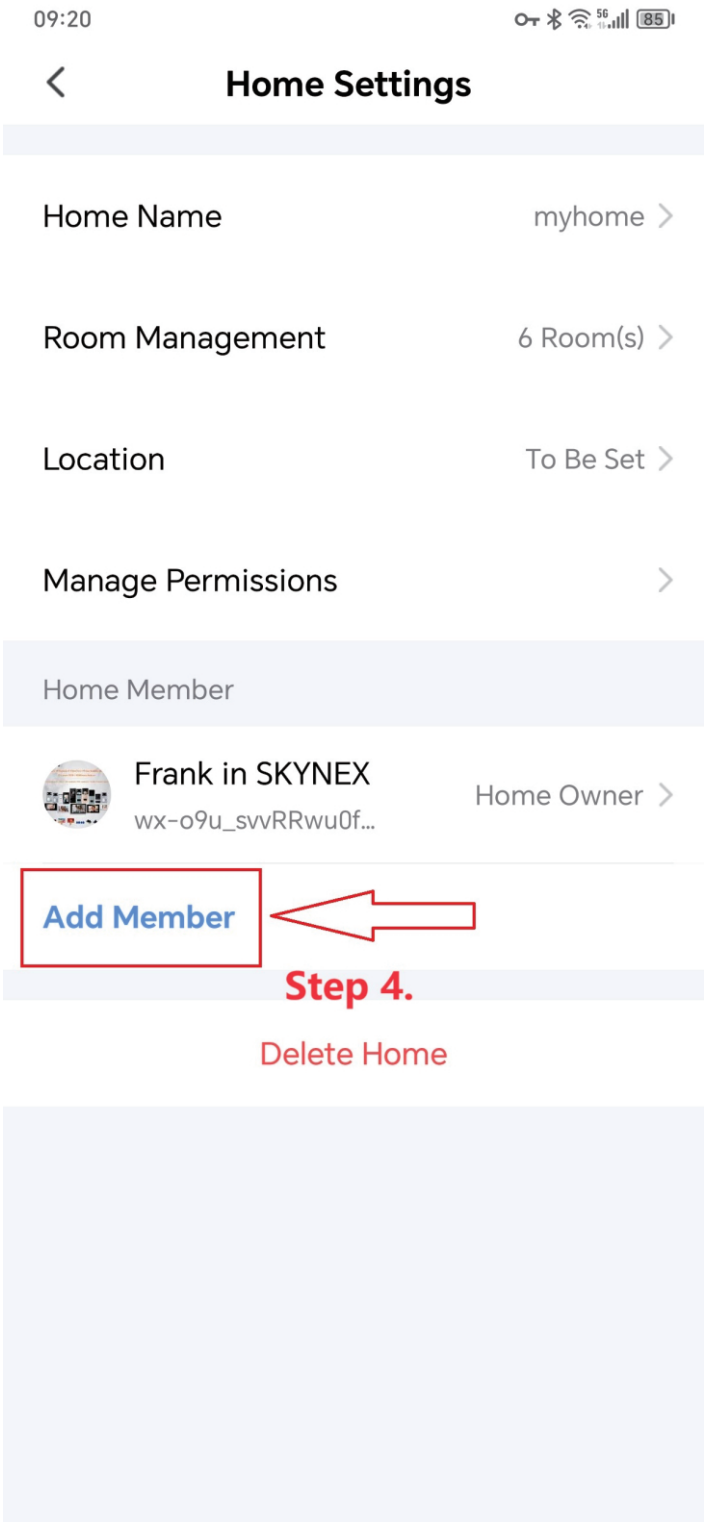
Step 2

If new to Tuya Smart/Smart Life - Smart Living app:

1.Tap **My Home**.Then, name your home and tap **Save** to complete home information.

2.Tap **Your home** to go to **Home Setting**. Tap **Add Member**.

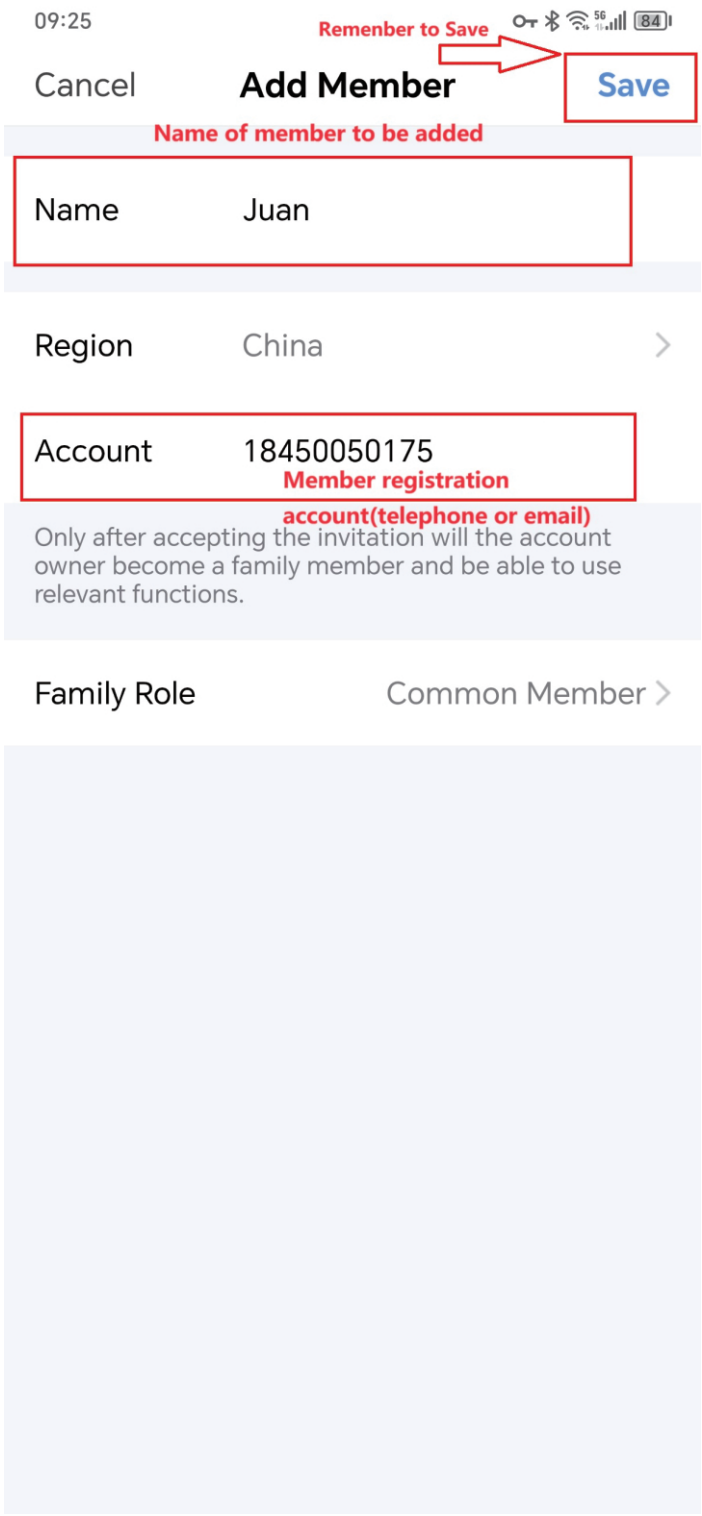


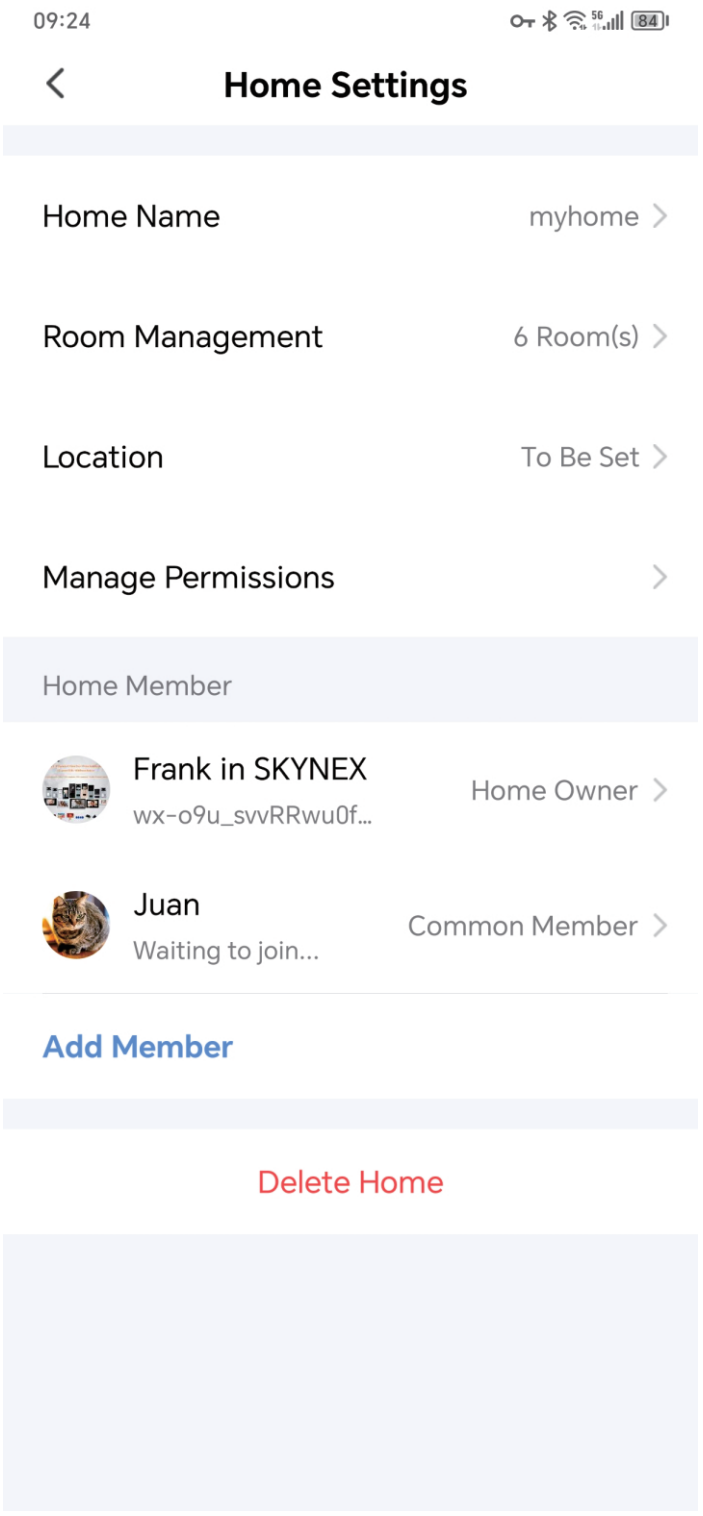


How to share to family members

Step 3

Enter the member's account email/phone, input a nickname, then tap **Save** to complete sharing.

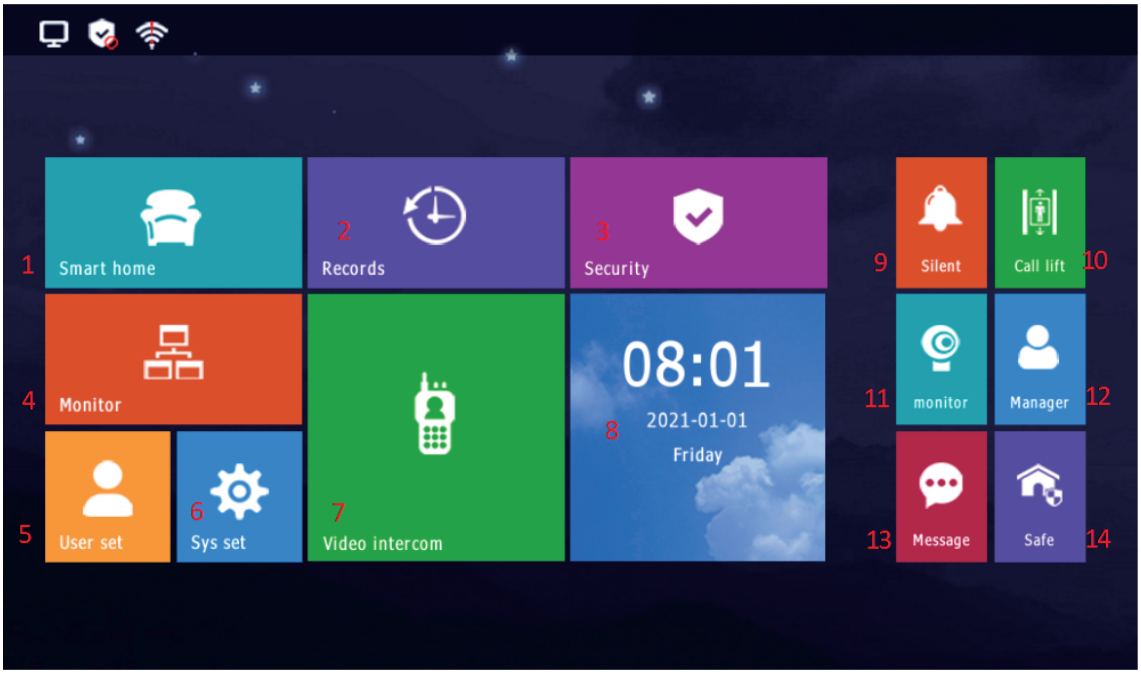




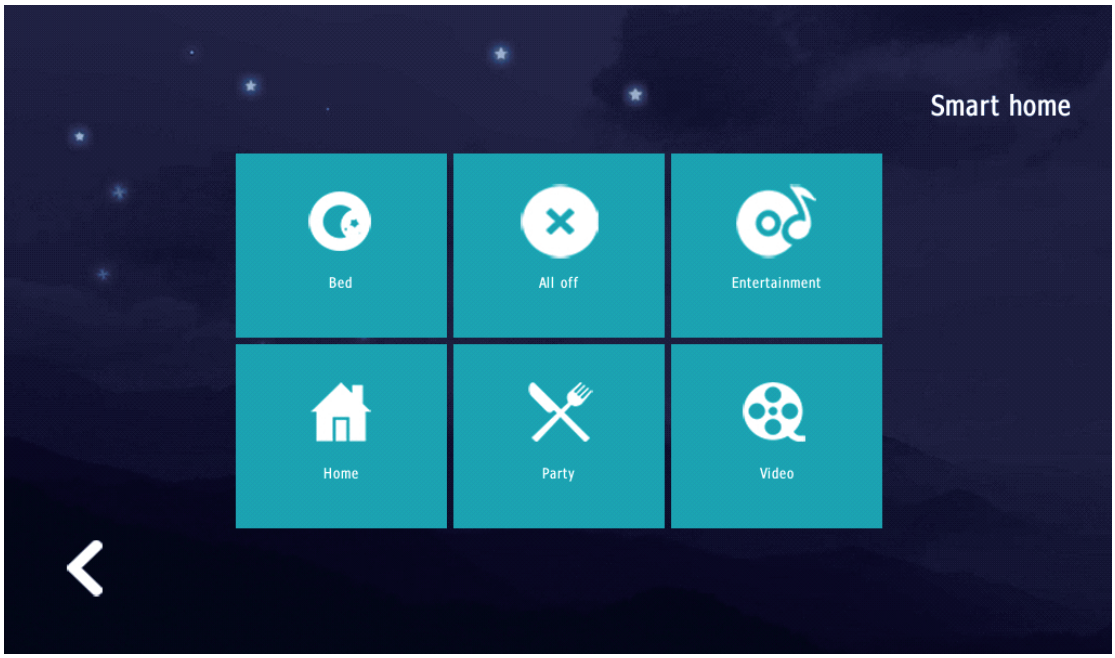
Operations

Follow the on-screen icon instructions.
Compatible Models:M72T/M72T-TUYA/M76T/M76T-TUYAM92T/M92T-TUYA

- Go to **Main**: During standby, tap the screen.
- In **Main**, Tap labeled button to enter the function page or activate the function.



1. Smart Home
- In **Smart Home**, Indoor monitor displays 6 scene buttons. Tap to switch mode.
- Note: The scene buttons require pre-configuration with third-party home automation system to enable functionality.



2. Records

- Work with: M72T/M76T/M92T/M72T-TUYA

In **Records**, tap the corresponding button to view **Message,Arming History**, **Alarm History, Photo, Call History** or **Voice Message.**



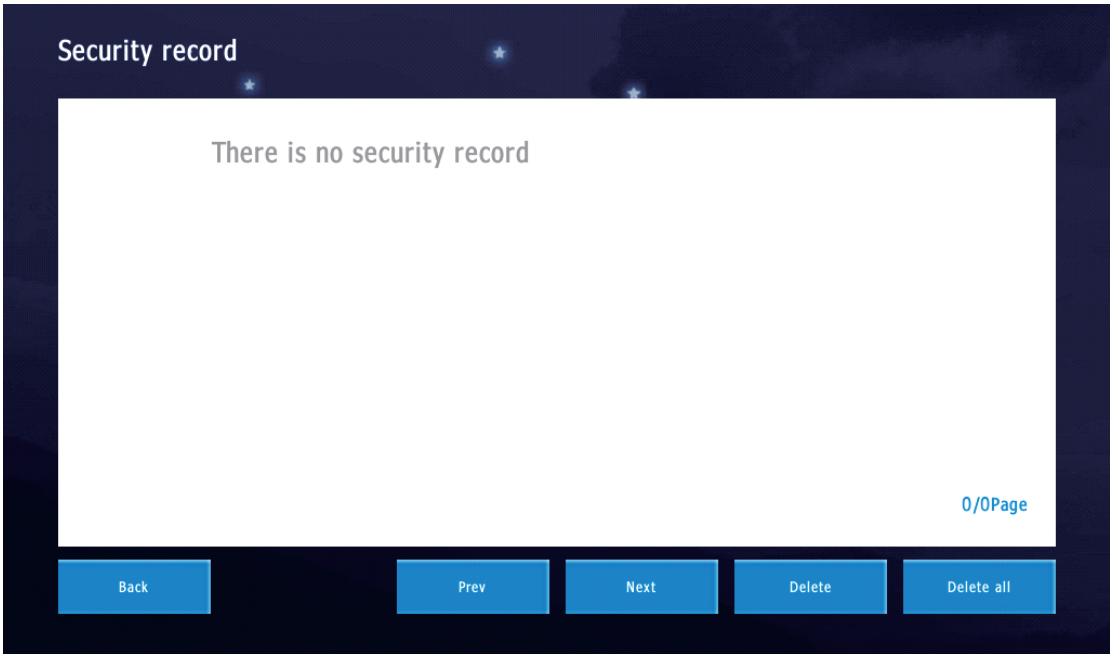
2.1 Message

- Community Message is a message sent to all Indoor Monitors in this community.
- Private Message is a message sent only to this Indoor Monitor.
- View Message: Select **Community** or **Private** > Select a Message > Tap **View** to display full message.
- Delete a Single Message: Select **Community** or **Private** > Select a Message > Tap **Delete** to delete the selected message.
- Delete All Message: Select **Community** or **Private** > Tap **Delete All** to delete all community or private messages.



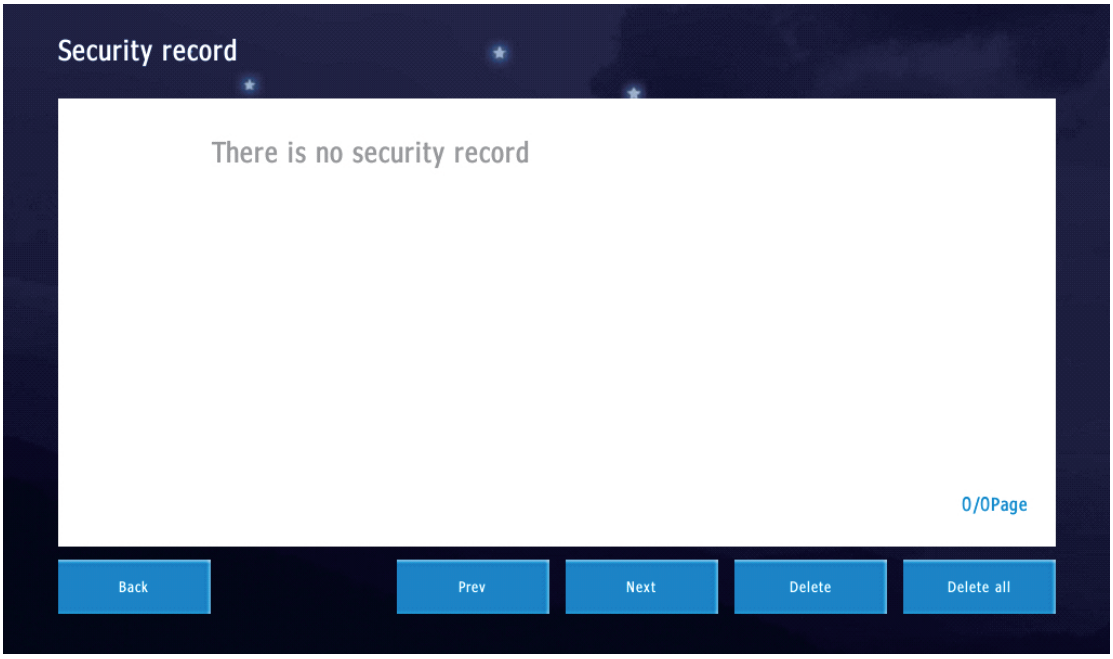
2.2 Arming History

- View Arming History: Tap **Prev** or **Next** to browse events.
- Delete a Single Event: Select an Event > Tap **Delete**.
- Delete All Events: Tap **Delete All**.



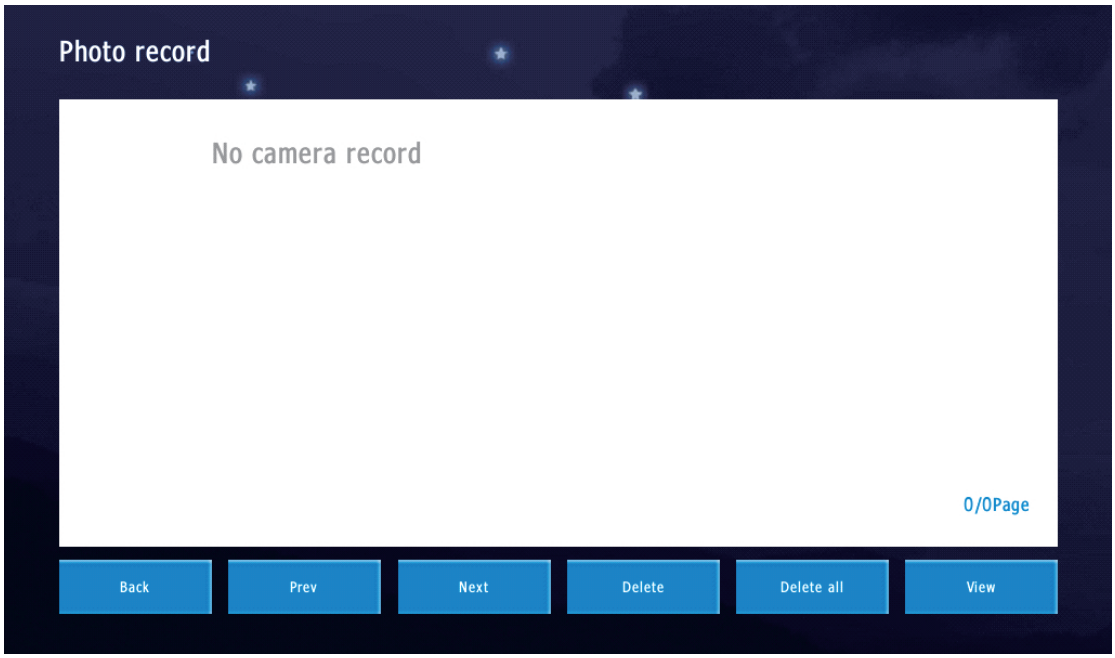
2.3 Alarming History

- View Alarming History: Tap **Prev** or **Next** to browse events.- Delete a Single Event: Select an Event > Tap **Delete**.
- Delete All Events: Tap **Delete All**.



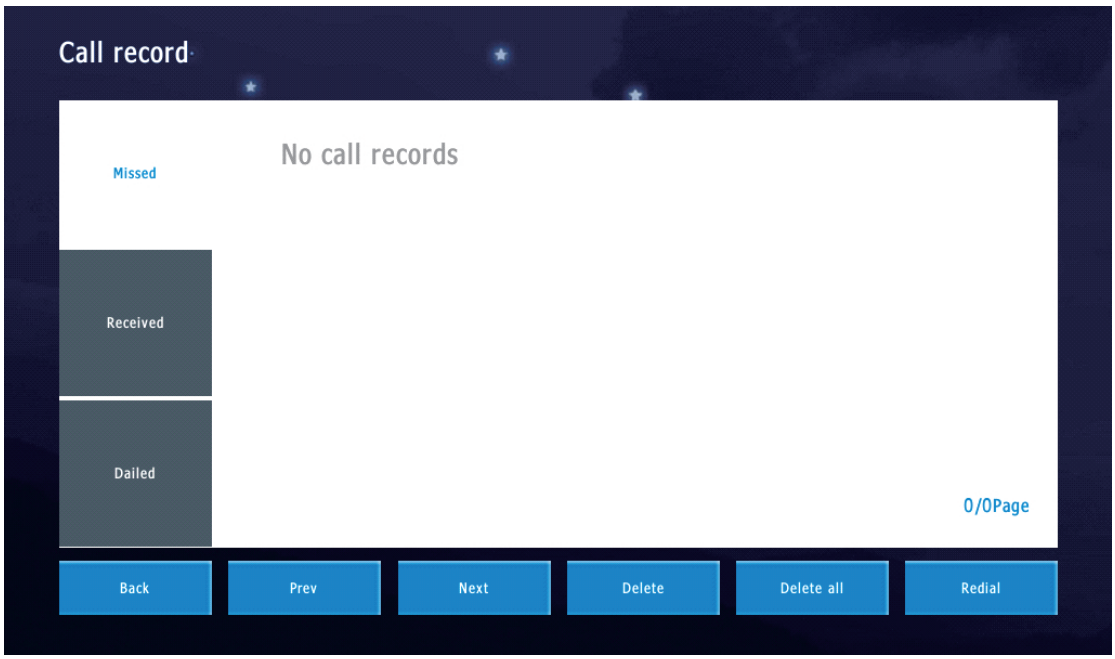
2.4 Photo

- View Photos: Select a Photo > Tap **View** to display the photo.
- Delete a Photo: Select a Photo > Tap **Delete** > Tap **OK** to confirm.
- Delete All Photos: Tap **Delete All** > Tap **OK** to confirm.

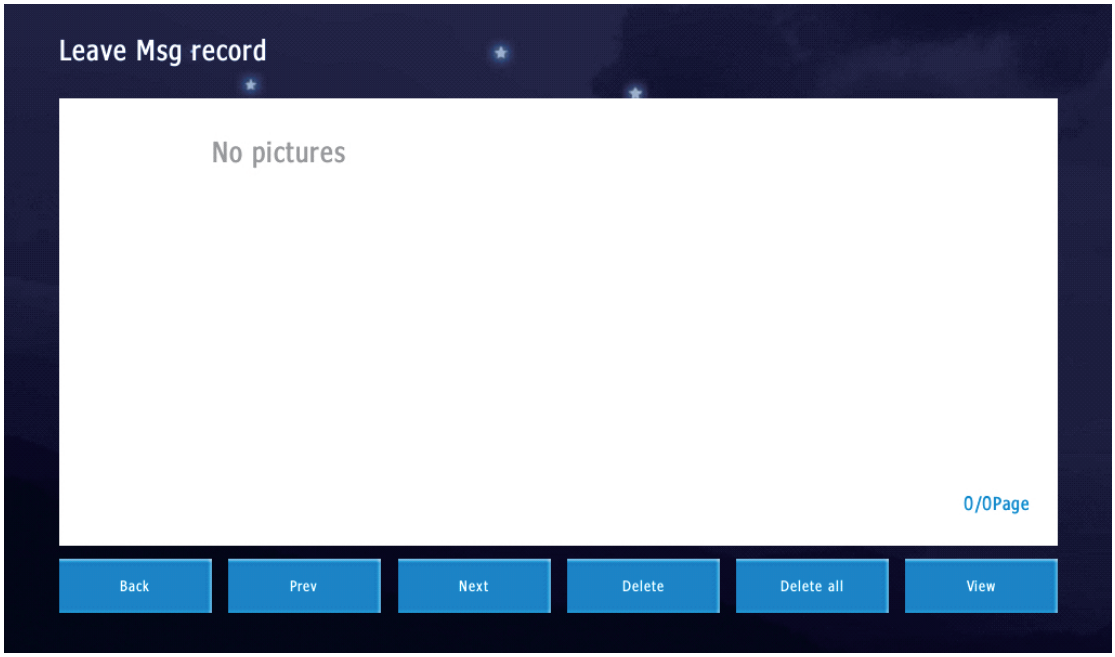


2.5 Call History

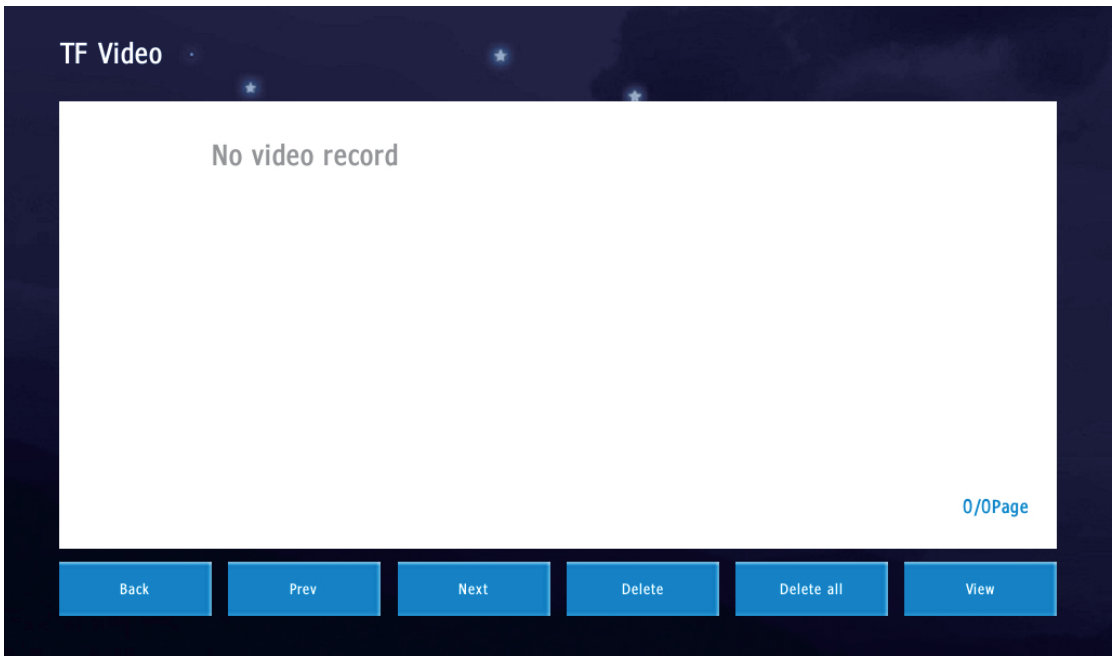
- Missed Calls: Select **Missed** > Tap **Prev** or **Next** to browse calls.
- Received Calls: Select **Received** > Tap **Prev** or **Next** to browse calls.
- Outgoing Calls: Select **Outgoing** > Tap **Prev** or **Next** to browse calls.



2.6 Voice Message (with a Snapshot)
- Play Voice Messages: Select a Voice Message > Tap **View** to play voice message.
- Delete a Voice Message: Select a Voice Message > Tap **Delete** > Tap **OK** to confirm.
- Delete All Voice Messages: Tap **Delete All** > Tap **OK** to confirm.



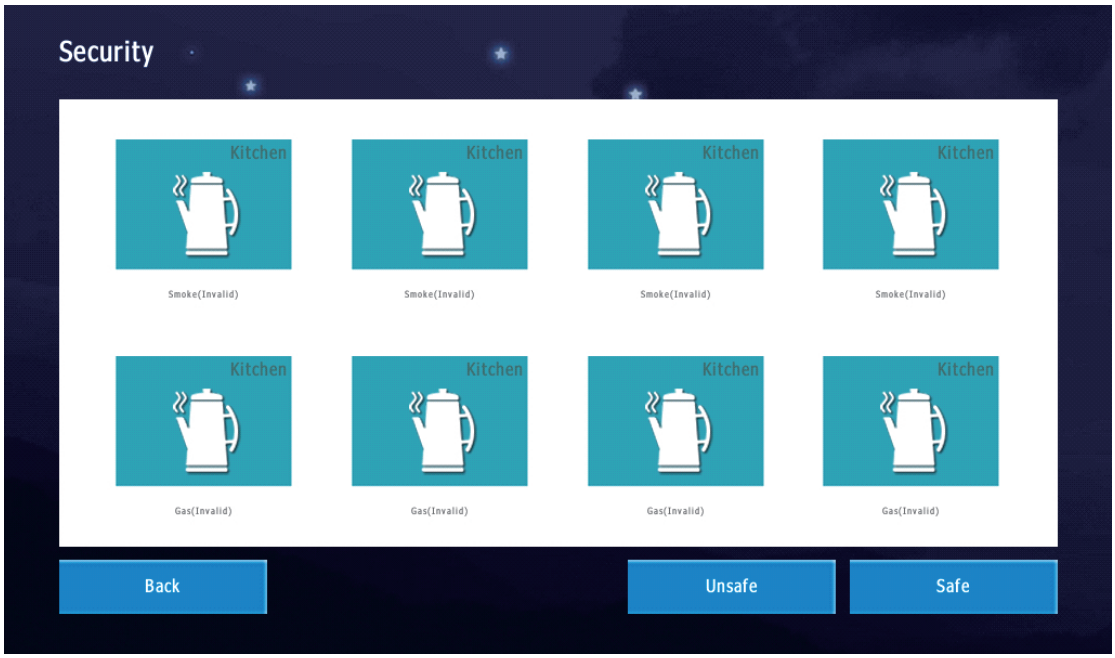
2.7 Video **(Work with: M76T-TUYA/M92T-TUYA)**
- Play Videos: Select a Video > Tap **View** to play the video.
- Delete a Video: Select a Video > Tap **Delete** > Tap **OK** to confirm.
- Delete All Videos: Tap **Delete All** > Tap **OK** to confirm.



Operations

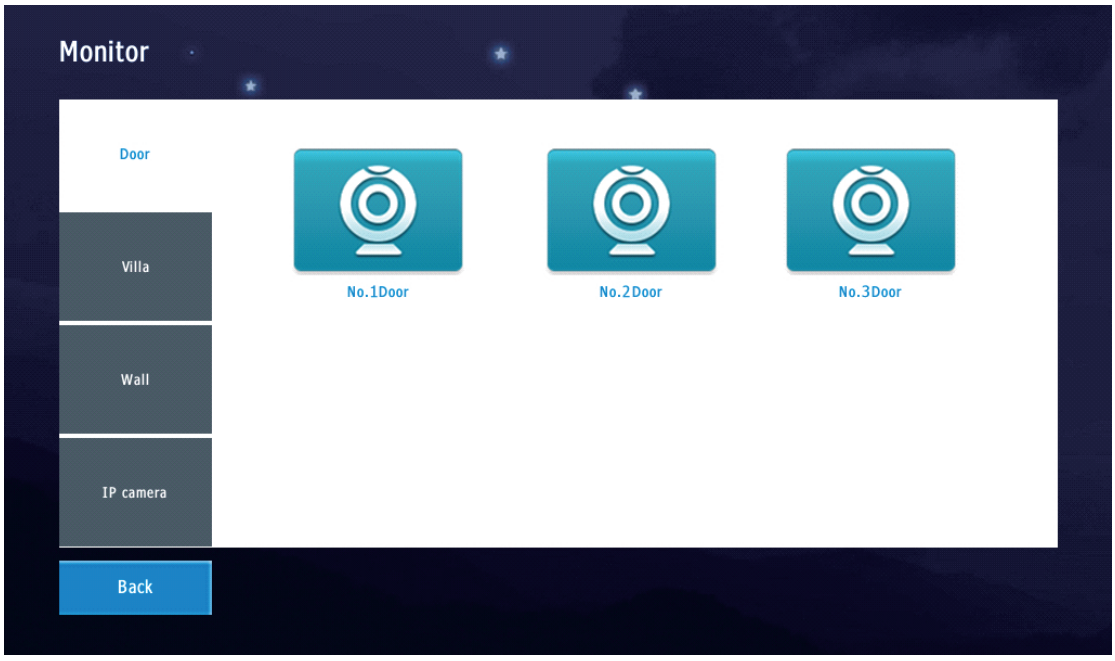
3. Security
- Alarm Zone Status: In Security, Indoor Monitor shows status of 8 protection areas in real-time.
- Arm System: Tap Arm > System Armed after Arming Delay Countdown.
- Disarm System: Tap Disarm > Enter 6-Dight Password (Default: 123456)> Tap OK.

In Emergency: Enter the password backward (e.g. 654321) to silently alert management office and guard station.



4. Monitor

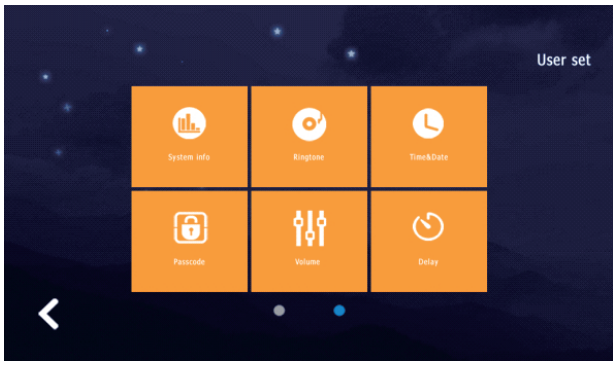
Door Station: Select **Door Station** > Select a device to display live video.
Call Panel: Select **Call Panel** > Select a device to display live video.
Gate Station: Select **Gate Station** > Select a device to display live video.
IP Camera: Select **IP Camera** > Select a device to display live video.

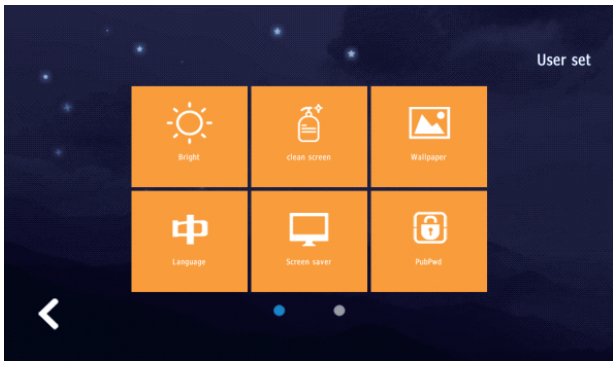


Operations

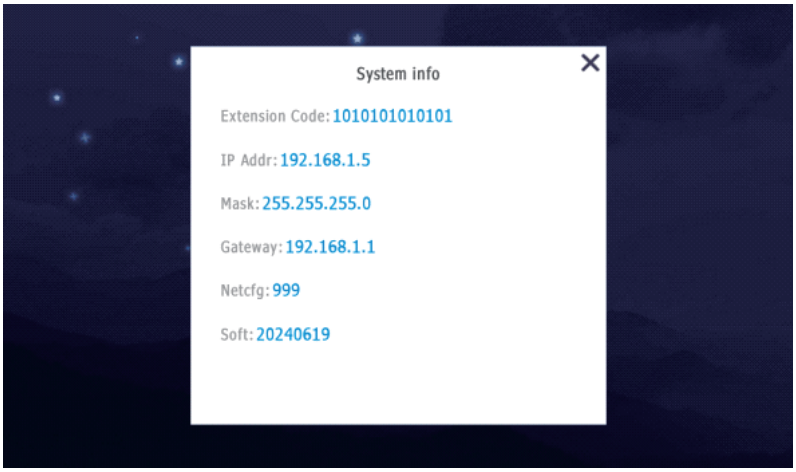
5. User Settings

In **User Settings**, tap the corresponding button to enter **System Info**, **Ringtone**, **Date & Time**, **Password**, **Volume**, **System Timers**, **Brightness**, **Safe Clean**, **Wallpaper**, **Language**, **Screen Saver** or **Bldg. Access Code**.



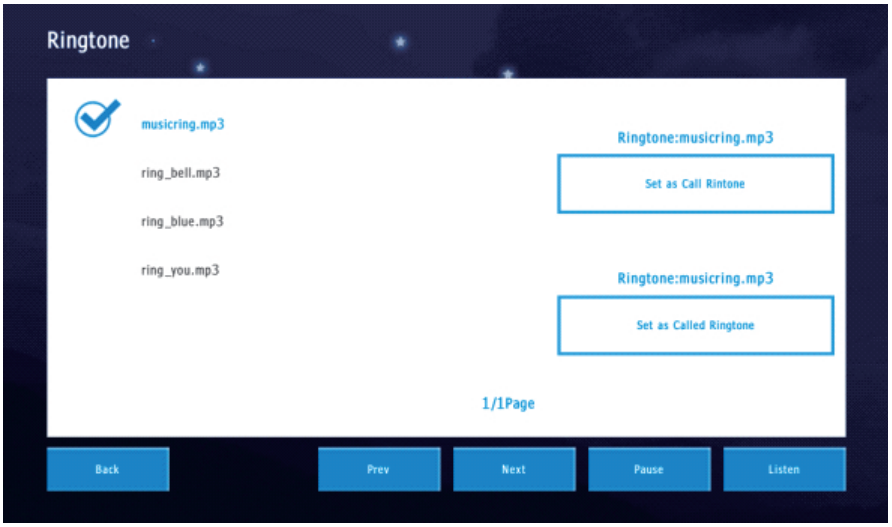


5.1 System Info.



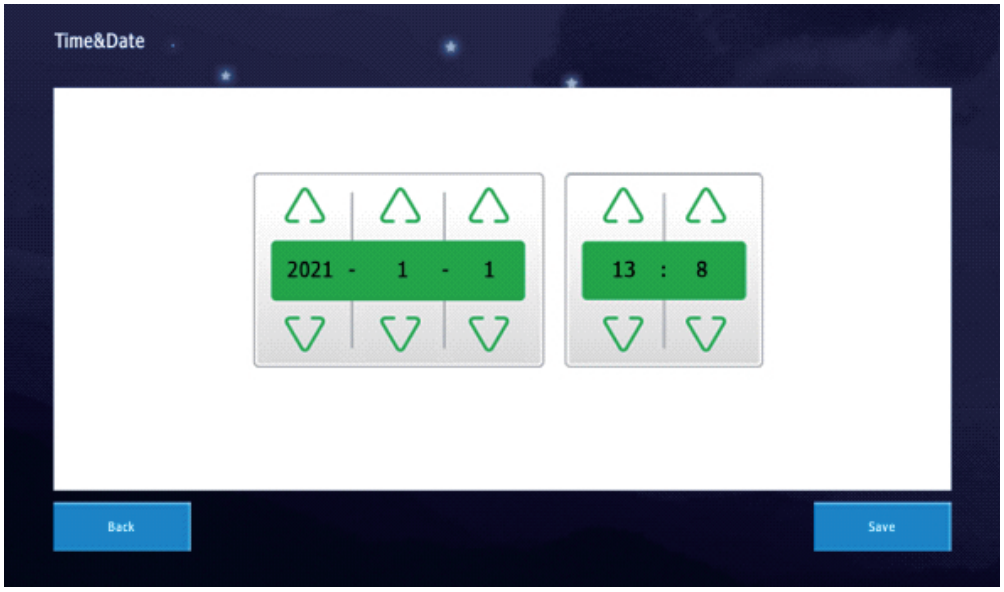
5.2 Ringtone

- Outgoing Ringtone Setting: Select a Ringtone > Tap Set as Outgoing Ringtone.
- Incoming Ringtone Setting: Select a Ringtone > Tap Set as Incoming Ringtone.
- Preview: Tap Pause/Play to listen to the ringtone before setting.



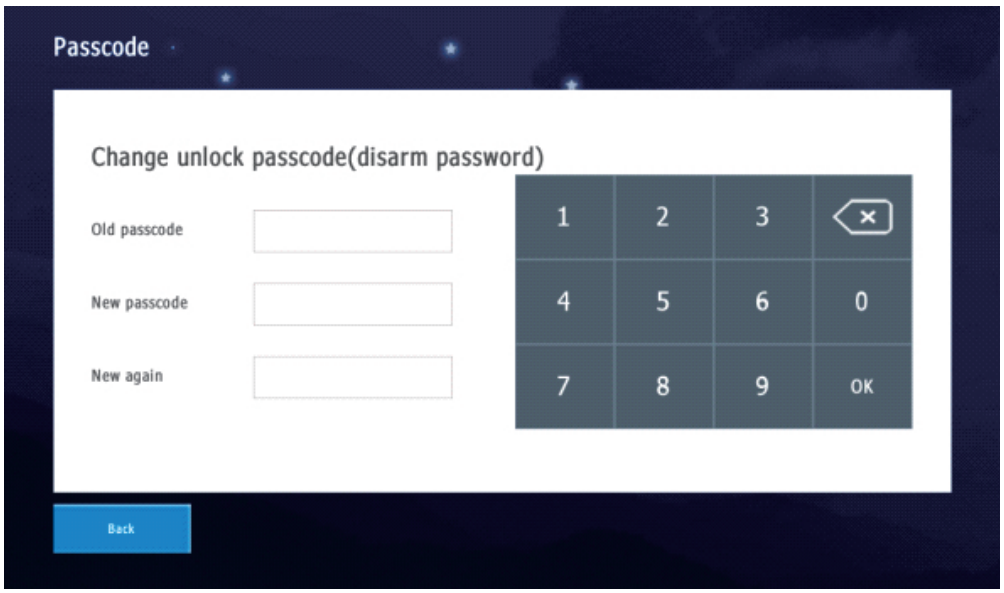
5.3 Date & Time.

- Date & Time Setting: Set Date and Time > Tap **Save** to confirm.



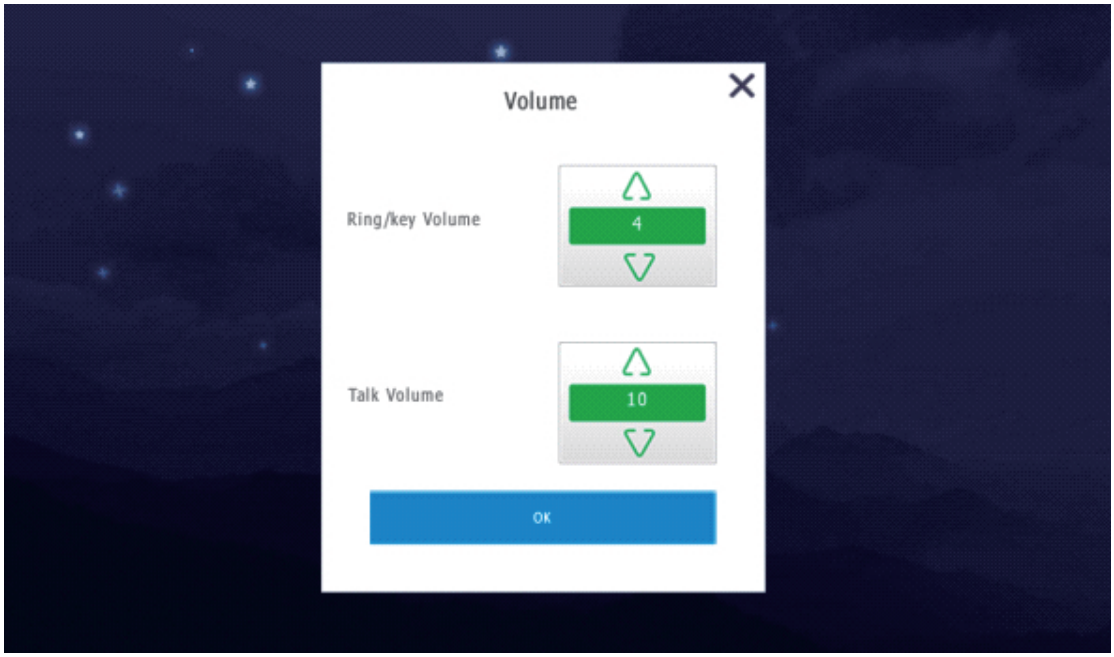
5.4 Password

- This password serves as both private unlock password AND disarm password.Enter new password and tap OK to confirm. The default password is 123456.
- Private Password Unlock (Operate on Outdoor Station): Select Private Password Unlock > Enter Your APT Number > Enter Your Private Unlock Password > Door Unlock if password verified. In emergency, enter the password backward (e.g. 654321) to silently alert management office and guard station.
- Disarm Password (Operate on Indoor Monitor): When system is alarmed or armed, to stop alarm or disarm the system, tap Disarm and enter Disarm Password. In emergency, enter the password backward (e.g. 654321) to silently alert management office and guard station.



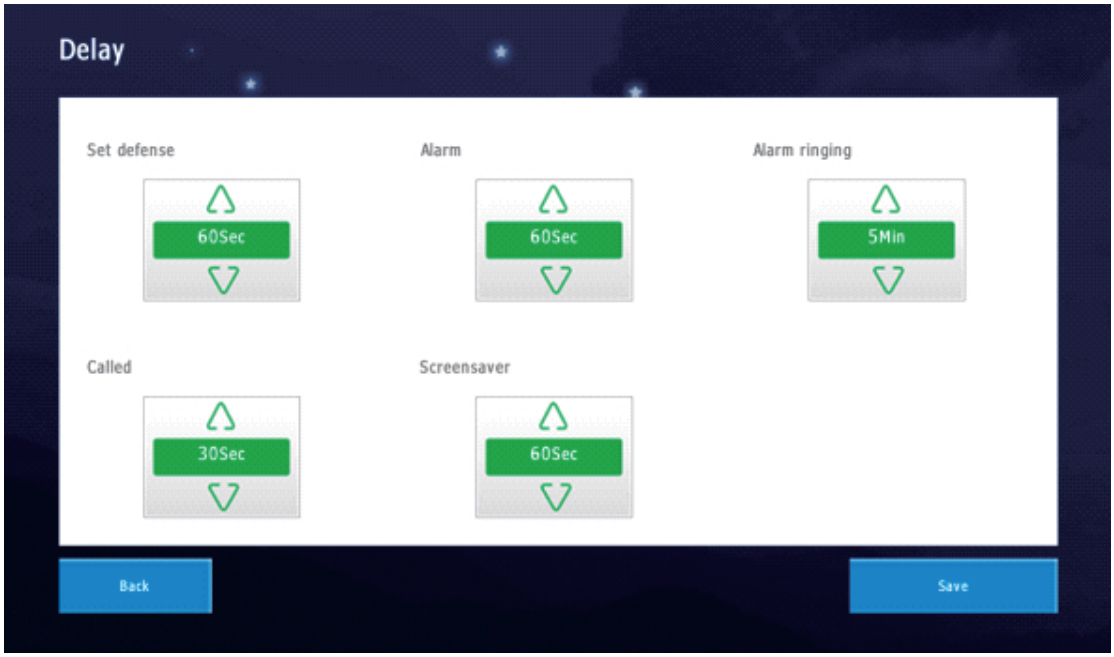
5.5 Volume

- Ring/Tap Volume Setting: Set Ring/Tap Volume > Tap **OK** to confirm.
- Call Volume Setting: Set Call Volume. > Tap **OK** to confirm.



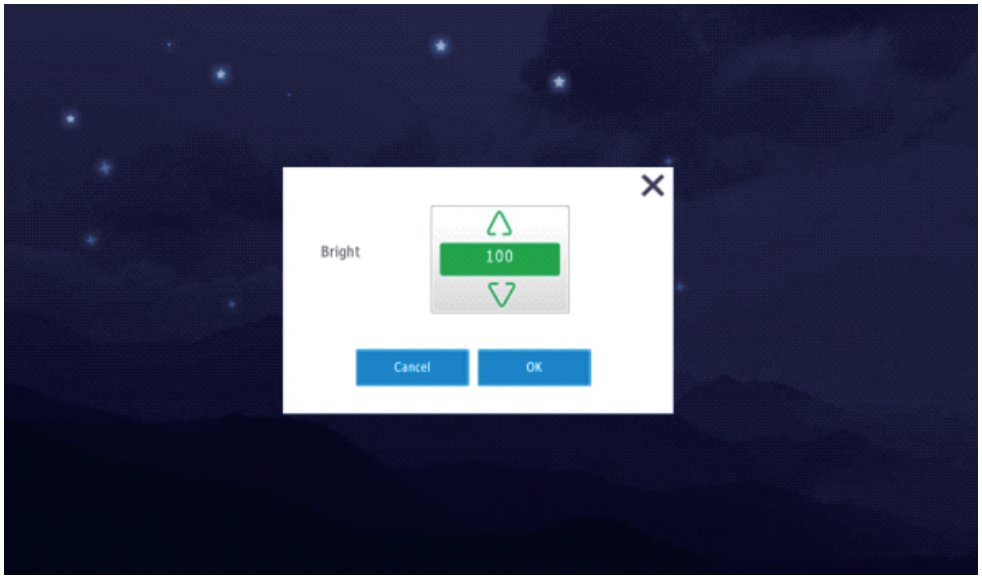
5.6 System Timers

- Arming Delay: Set Arming Delay > Tap **OK** to confirm.
  Arming delay is how long you have to leave your house AFTER you tap **Arm**.
- Disarm Delay: Set Disarm Delay > Tap **OK** to confirm.
  Disarm Delay is how long you have to tap **Disarm** AFTER you enter your house.
- Alarm Duration: Set Alarm Duration > Tap **OK** to confirm.
- Ring Timeout: Set Ring Timeout > Tap **OK** to confirm.
- Screen Saver Timeout: Set Screen Saver Timeout > Tap **OK** to confirm.



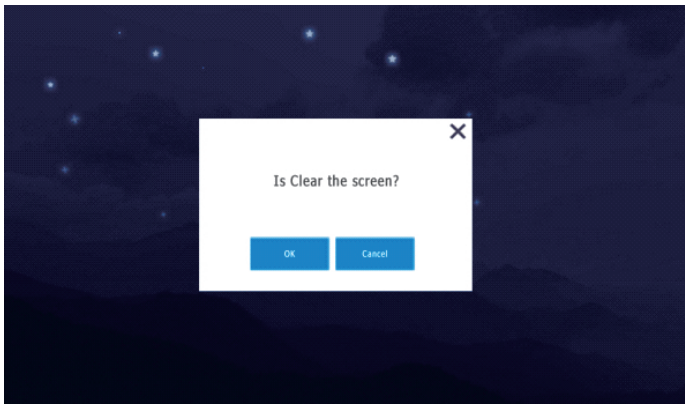
5.7 Brightness

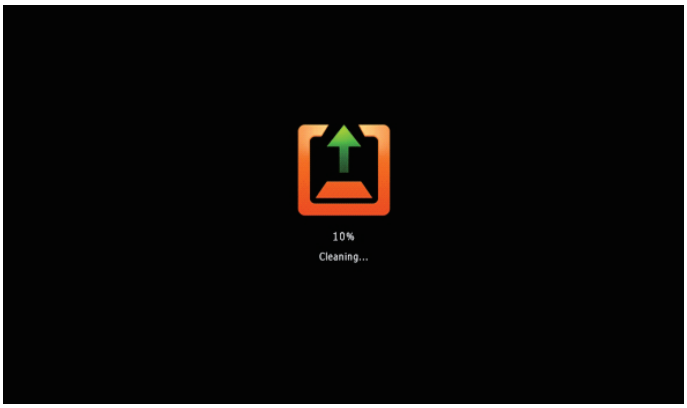
- Brightness Setting: Set Brightness > Tap **OK** to confirm.



5.8 Safe Clean

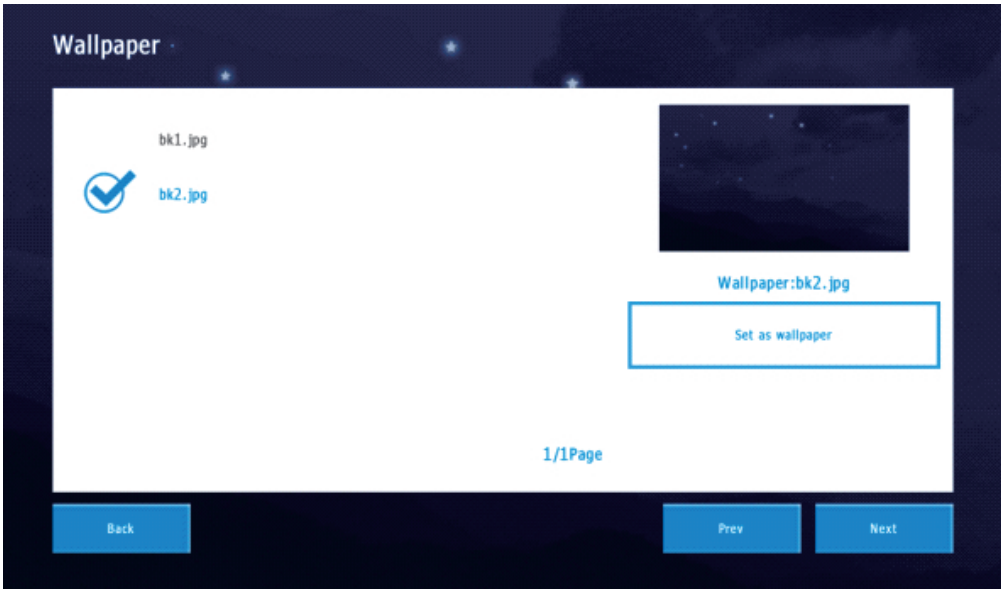
- To clean the screen without accidental touch: Tap **OK** to enter safe clean mode.





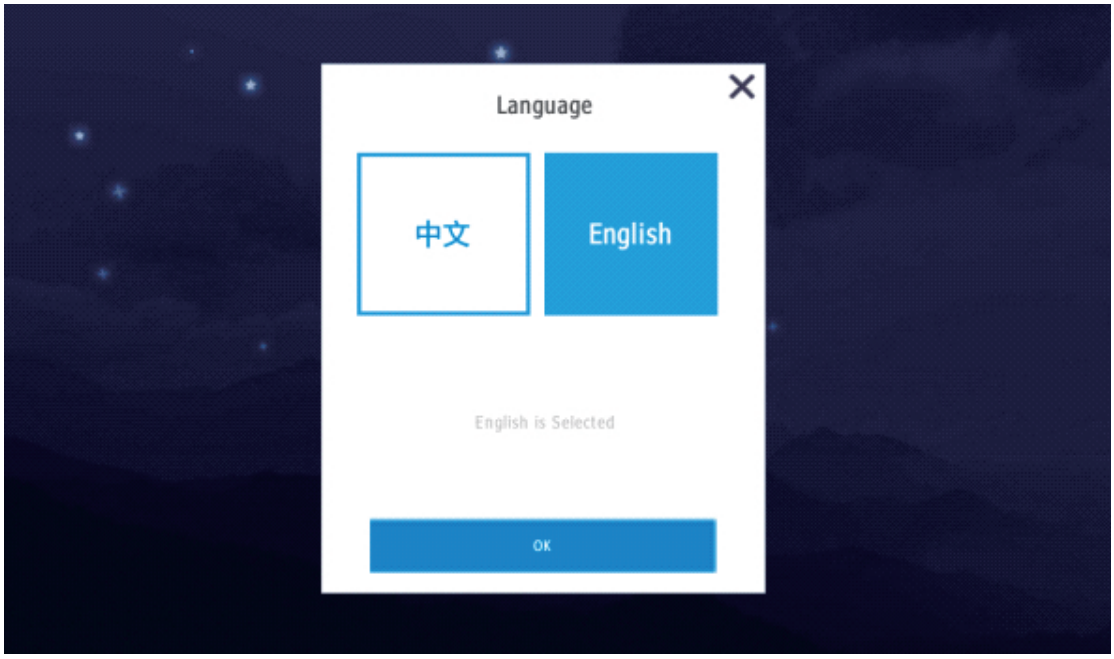
5.9 Wallpaper

- Wallpaper Setting: Select a Wallpaper > Tap **Set as Wallpaper.**



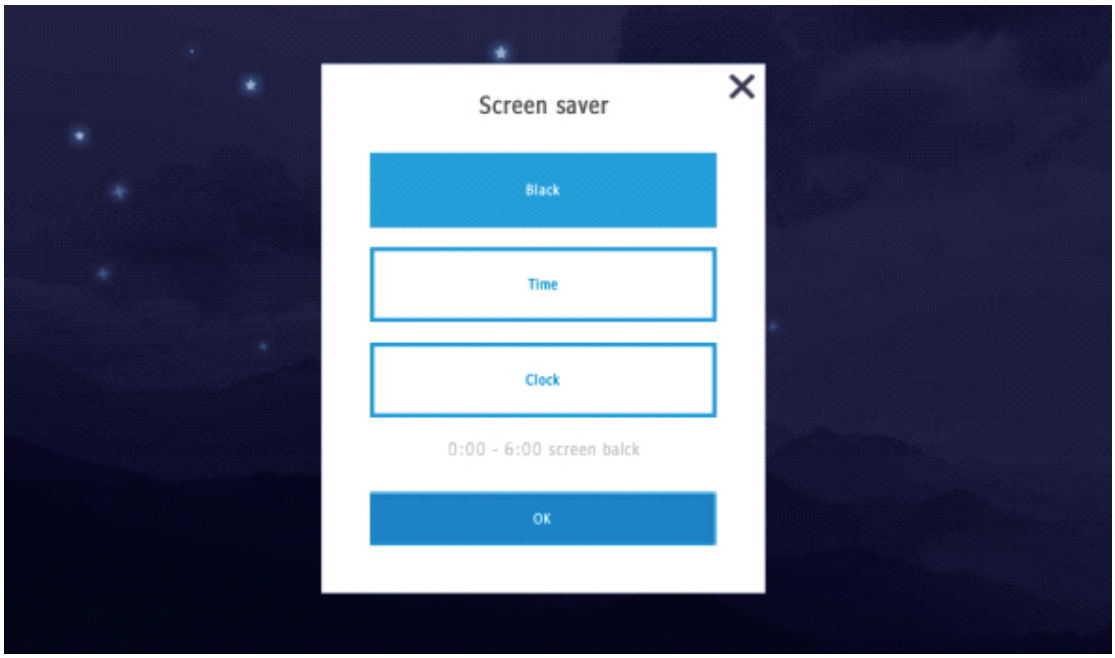
5.10 Language

- Language Setting: Select a Language > Tap **OK** to confirm.



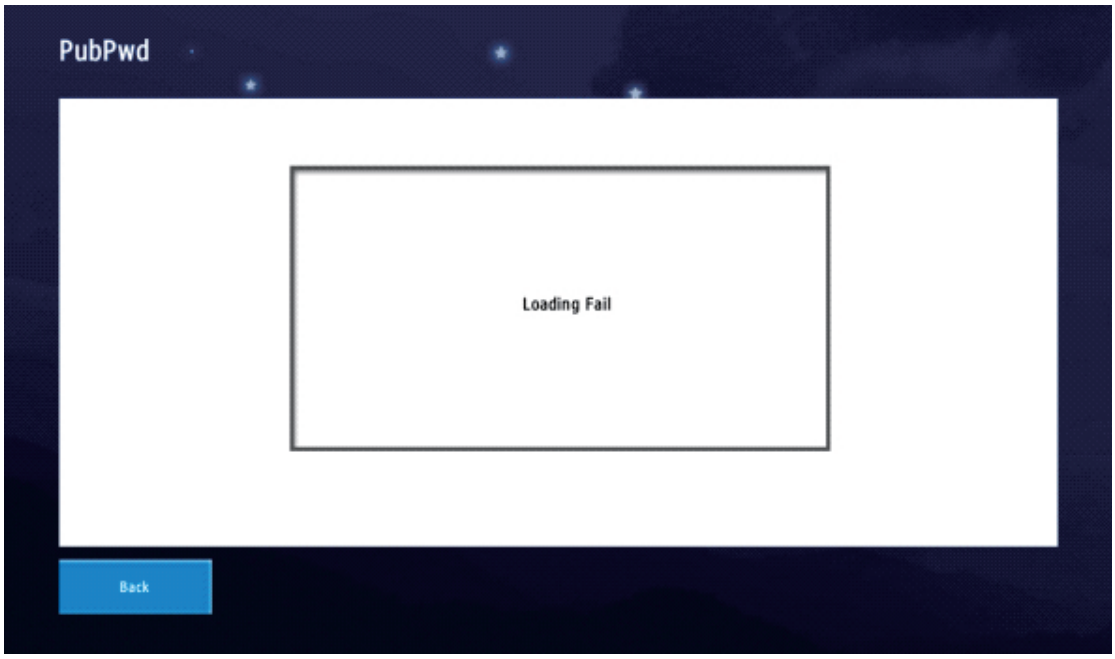
5.11 Screen Saver

- Screen Saver Setting: Select a Screen Saver > Tap **OK** to confirm- Screen saver is automatically disabled from 0:00 to 6:00 (display remains blank).



5.12 Bldg. Access Code

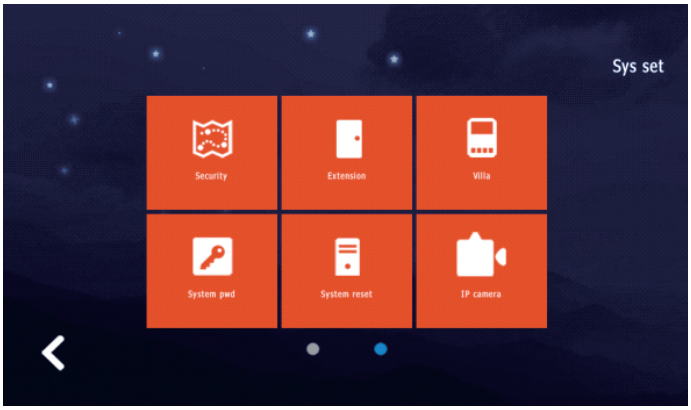
- Indoor Monitor will retrieve building access code from Outdoor Station.
- Building Access Code Unlock (Operate on Outdoor Station): Select **Building Access Code Unlock** > Enter Building Access Code > Door unlocks if code verified. In emergency, enter the code backward (e.g. 654321 if normal code is 123456) to silently alert managementoffice and guard station.

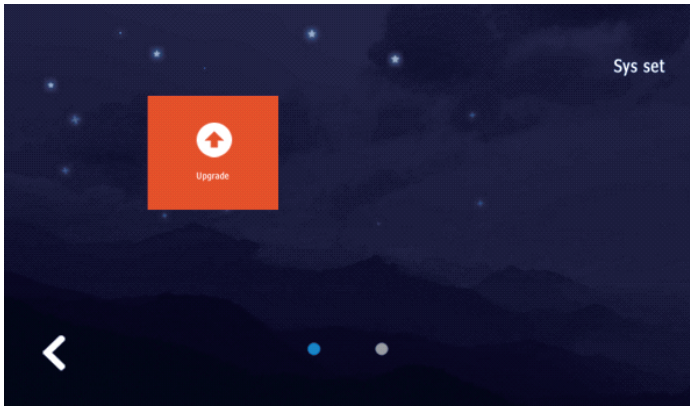


6.System Settings

WARNING: System Settings must be operated by qualified technicians.End users should not access these settings.

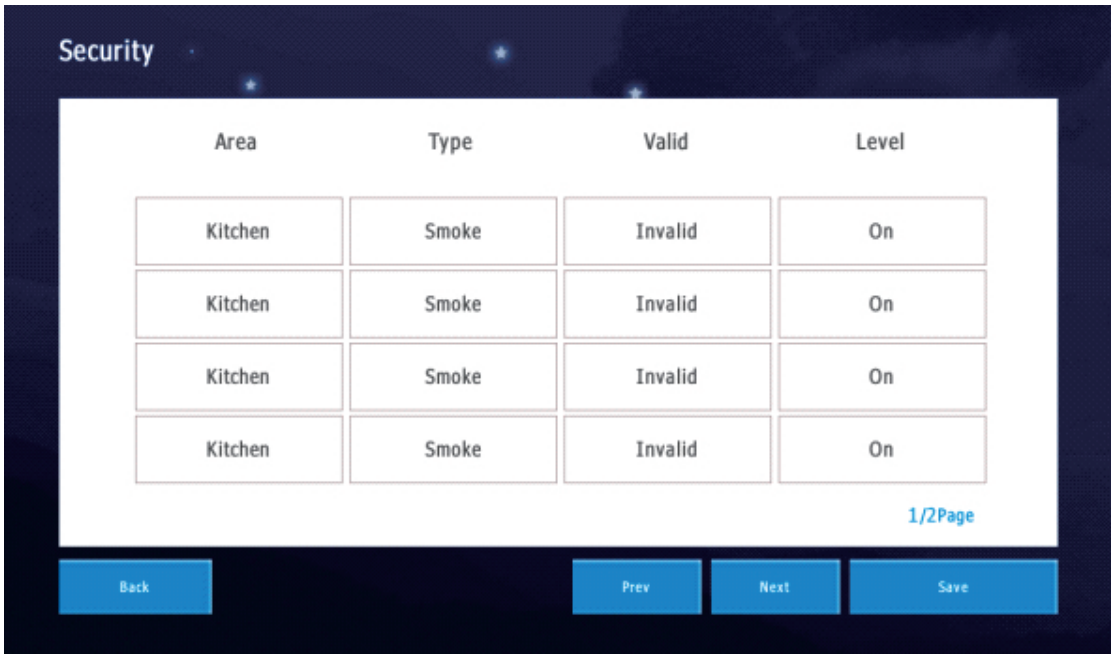
- To enter **System Settings**, system password is required. (Default: 666666)
- In System Settings, tap corresponding button to enter **Zone**, **Address**, **Call Panel**,**System Password**, **System Restore**, **IP Camera** or **Upgrade**.





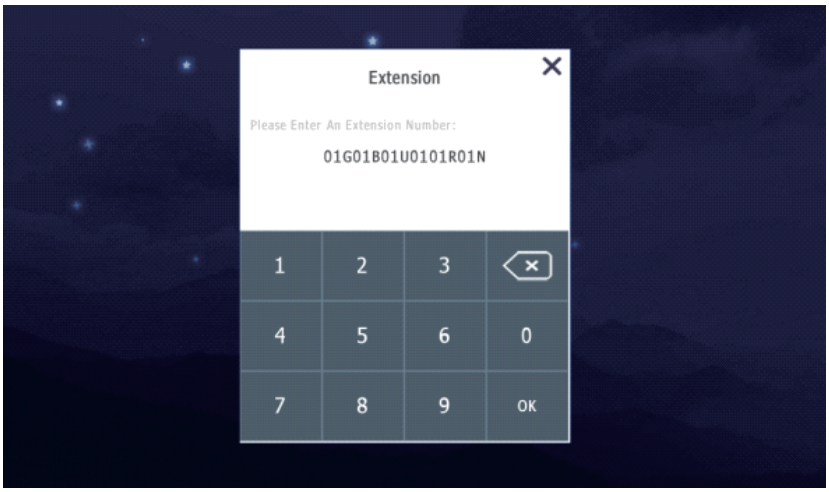
6.1 Zone

- Set Alarm Zone: Select Area / Type / Status / Contact > Tap **Save** to confirm.



6.2 Address

- Address Setting: Enter [2-digit] Zone (Z) - [2-digit] Building (B) - [2-digit] Unit (U) - [4-digit] APT (A) - [2-digit] Station (S) > Tap **OK** to confirm.



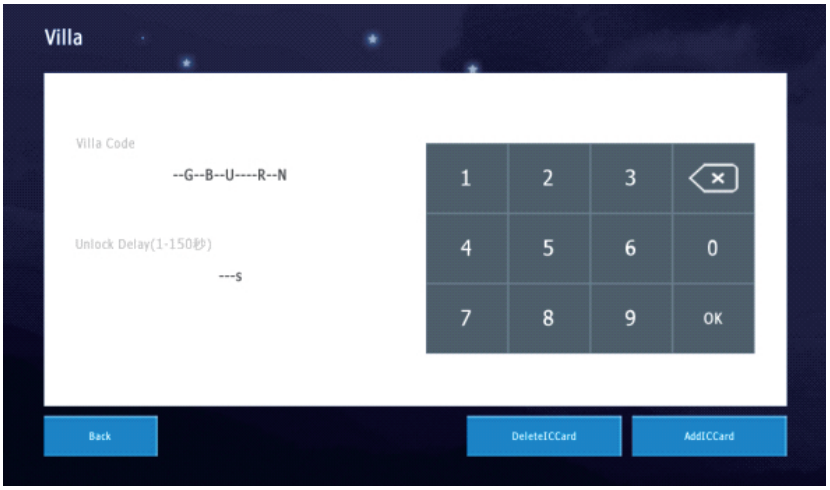
6.3 Call Panel

Call Panel Address & Unlock Duration Settings:

- Link Call Panel to Indoor Monitor:
  1. Set Indoor Monitor to default address: 99Z99B99U9999A01S.
  2. Set Call Panel to default address: 99Z99B99U9999A01S by restoring to factory setting.
  3. Connect both devices to the same network.
     Note: Call Panel address and unlock duration can only be set AFTER the above steps proceeded successfully.
- Call Panel Address Setting: In **Call Panel,** enter Call Panel address: [2-digit] Zone (Z) - [2-digit] Building (B) - [2-digit] Unit (U) - [4-digit] APT (A) - [2-digit] Station (S).
- Unlock Duration Setting: In **Call Panel**, enter unlock duration.
- After both settings entered, tap **OK** to confirm.

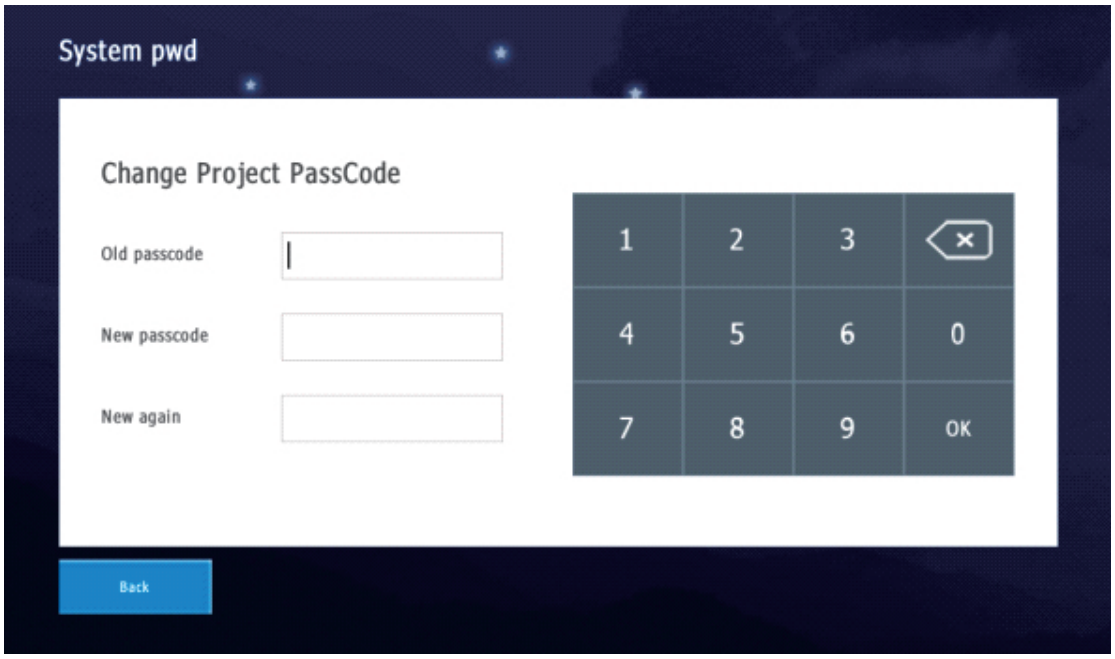
Card Management:

- Add Card: Tap **Add Card** > Tap a Card on the reader of the Call Panel.
- Delete All Card: Tap **Delete Card**.



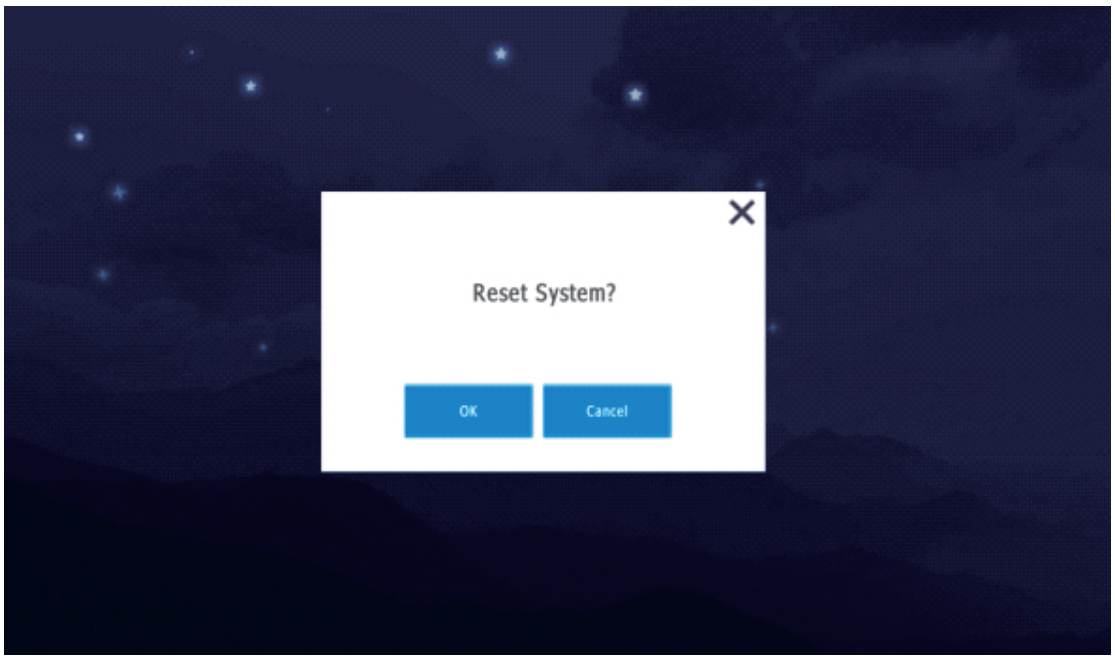
6.4 System Password

- System Password Setting: Enter new password and tap **OK** to confirm. The default password is 666666.
  WARNING: Forgetting the system password will result in lockout from system settings. Keep a secured record of your password.



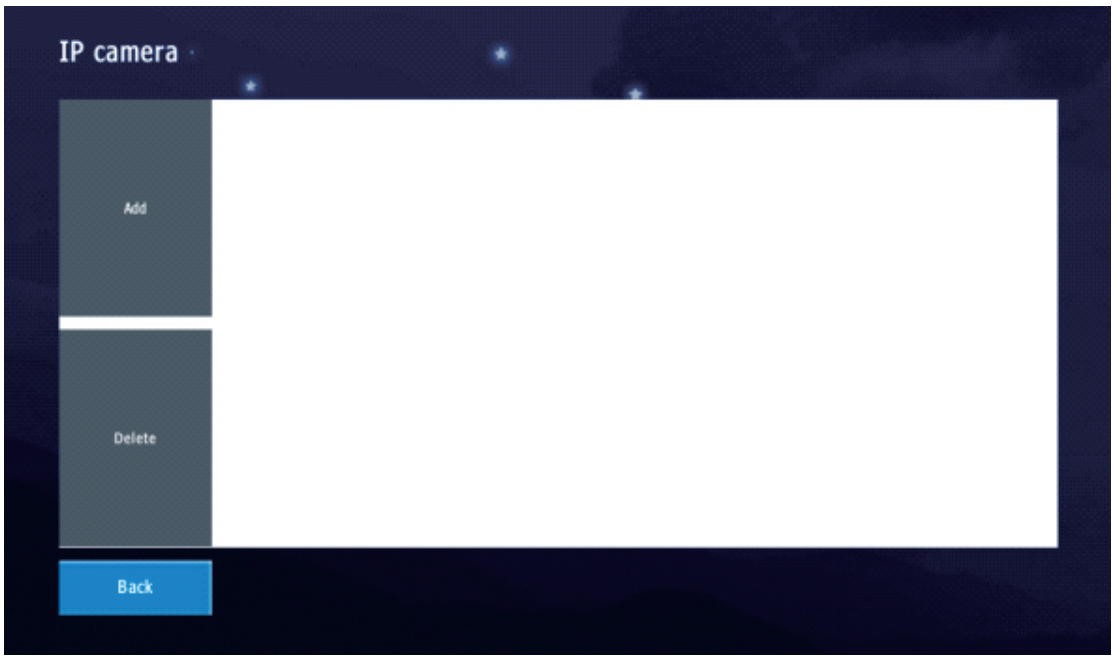
6.5 System Restore

- Restore Factory Setting: Tap **OK.**

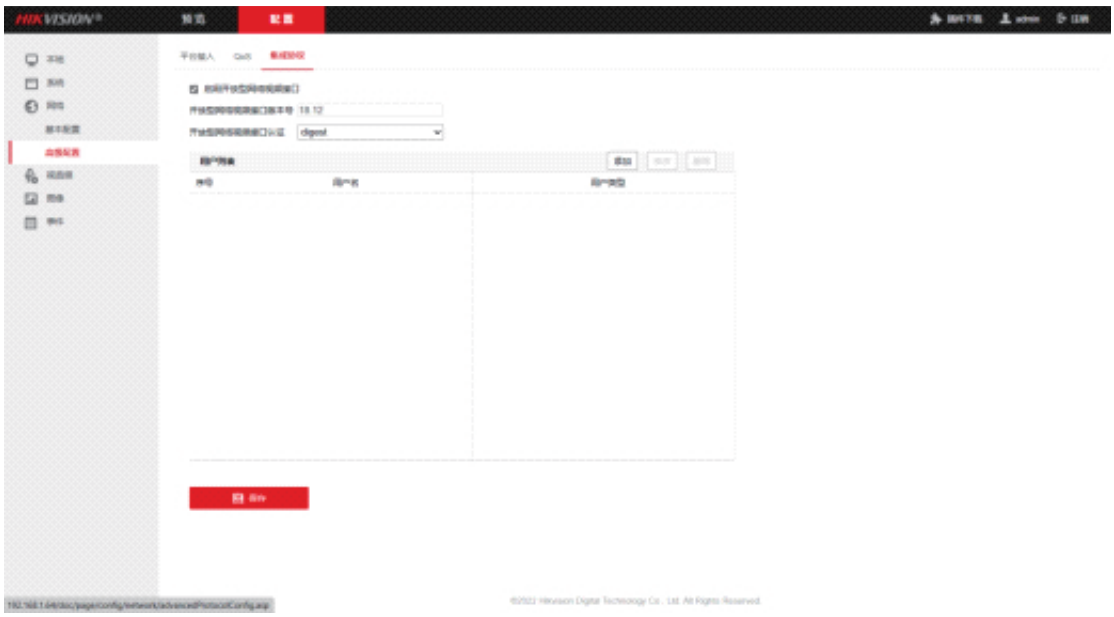


6.6 IP Camera

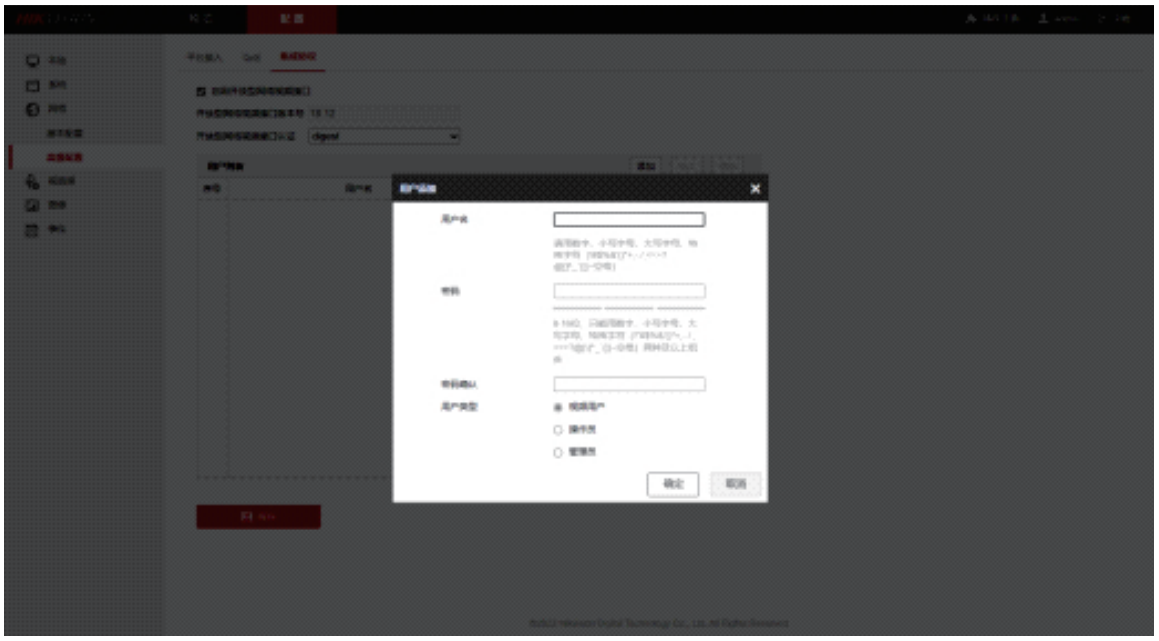
- Prerequisites:
  Connect IP camera & Indoor Monitor to the same network.
  Enable ONVIF protocol on camera.
  Create a camera user account.
- Add IP Camera: Tap **Add** > Enter Customized Camera Name > Enter IP Address > Enter Login Username > Enter Login Password.
- Delete IP Camera: Tap **Delete** > Select an IP Camera > Tap **Delete** to confirm.



- Example of IP Camera Settings
  1. Connect IP Camera and PC to the same network. Access Camera via browser: http://<camera-IP>.
  2. Enable ONVIF: Select **Network** > **Advanced Settings** > **Integration Protocol** > Check to enable ONVIF protocol.

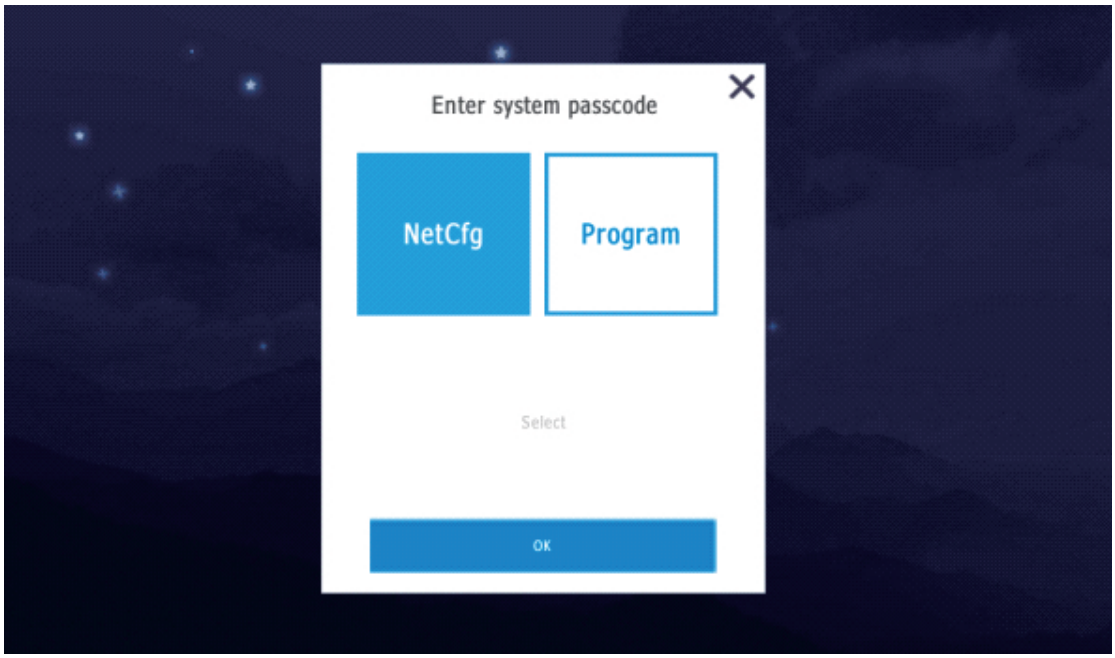


3. Add User: Tap Add > Enter Login Username > Enter Login Password.



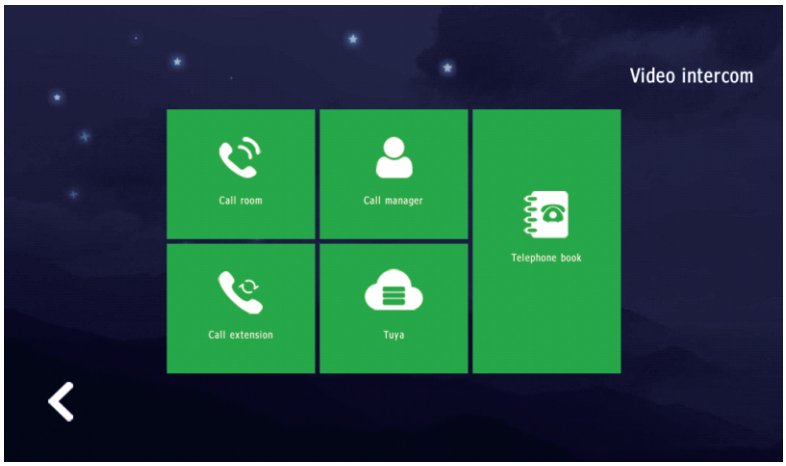
6.7 Upgrade

- Prerequisites: Copy upgrade file (Netcfg or Firmware) to the SD card.
- Upgrade Network Configuration: Select **Netcfg** > Tap **OK** to confirm.
- Upgrade Firmware: Select **Firmware** > Tap **OK** to confirm.



7. Intercom

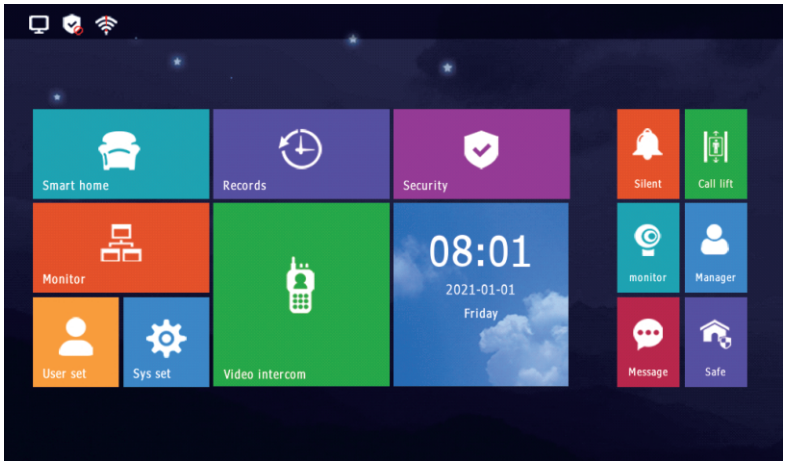
- Call Apartment: Tap **Call Apartment** > Enter Apartment Number: [2-digit]Zone (Z) - [2-digit] Building (B) - [2-digit] Unit (U) - [4-digit] APT (A) > Tap **OK** to call.
- Call Security: Tap **Call Security**.
- Internal Call: Tap **Internal Call** > Select an Indoor Monitor to call.
- Tuya Settings: Refer to the Connect Indoor Monitor to APP instruction.
- Contacts:
  Add Contact: Tap **Add** > Enter Contact Name > Enter Apartment Number: [2-digit] Zone (Z) - [2-digit] Building (B) - [2-digit] Unit (U) - [4-digit] APT (A).
  Delete Contact: Select a Contact > Tap **Delete** > Tap **OK** to confirm.
  Call Contact: Select a Contact > Tap **Call** to call.



8. Quick Buttons

Work with: M72T/M76T/M92T/M72T-TUYA

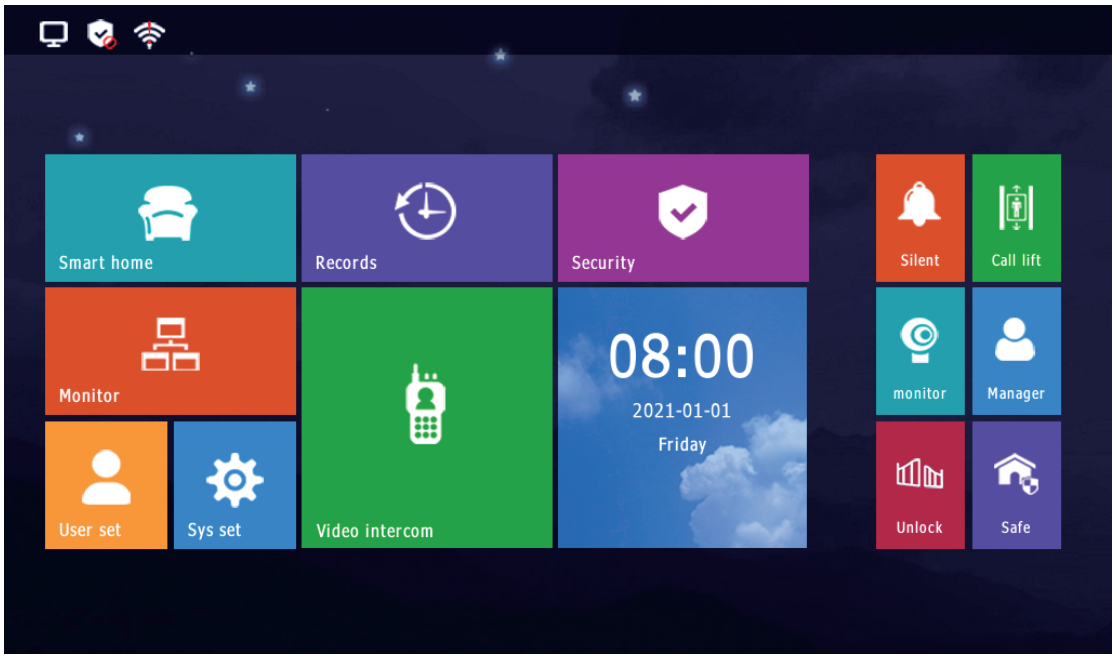
- Mute/Unmute: Tap to turn on or turn off system sounds.
- Disarm: Tap to disarm.
- Call Security: Tap **Security** to call.
- Photo: Tap to view photos.
- VoiceMsg: Tap to silently alert management office and guard station.
- Exit: Tap to exit to standby mode.



Operations

Work with: M76T-TUYA/M92T-TUYA

- Mute/Unmute: Tap to turn on or turn off system sounds.
- Disarm: Tap to disarm.
- Unlock: Tap to Unlock the door connected to this Indoor Monitor.
- Photo: Tap to view photos.
- Video: Tap to view videos.
- Exit: Tap to exit to standby mode.



Specifications

Villa Call Panel (P4)

- Camera: 1080P with Auto Exposure
- Viewing Angle: 110°
- Night Vision: White LEDs
- Operating Temperature: ψ30→ to +70→
- Housing Material: Aluminum Alloy + Stainless Steel Cover or Acrylic Cover
- Color Options: Iron Grey Body with Stainless Steel Cover / Aluminum Silver Body with White Acrylic Cover
- Dimensions: 59(L) × 39(W) × 134(H) mm
- Installation: Wall-Mounted

Villa Call Panel (P901)

- Camera: 1080P with Auto Exposure
- Viewing Angle: 110°
- Night Vision: White LEDs
- Operating Temperature: -30°C to +70°C
- Housing Material: Aluminum Alloy + Glass
- Color Options: Iron Grey Body with Black Cover
- Dimensions: 90(L) × 28(W) × 165(H) mm
- Installation: Wall-Mounted / Embedded-Mounted

Specifications

Indoor Monitor (M72T)

- Display: 7-inch TFT LCD (1024×600 Pixels) / Full Touch
- System: Linux System
- Network Transmission Mode: TCP/IP
- Connection: Ethernet Cable Cat 5 / Cat 6
- Color: Black / White
- Housing Material: ABS Plastic + PC Cover
- Power Supply: DC 12 - 24V Adaptor / Non-Standard PoE Switch
- Operating Current: ≤500mA
- Operating Temperature: -30°C to +60°C
- Dimensions: 190(L) ×122(W) × 17(H) mm
- Installation: Wall-mounted

Indoor Monitor (M76T)

- Display: 7-inch TFT LCD (1024×600 Pixels) / Full Touch
- System: Linux System
- Network Transmission Mode: TCP/IP
- Connection: Ethernet Cable Cat 5 / Cat 6
- Color: Black Body + Black & Aluminium Silver Cover
- Housing Material: ABS Plastic + PET Cover
- Power Supply: DC 12 - 24V Adaptor / Non-Standard PoE Switch
- Operating Current: ≤700mA
- Operating Temperature: -30°C to +60°C
- Dimensions: 180(L) × 122(W) × 18(H) mm
- Installation: Wall-mounted

Specifications

Indoor Monitor (M92T)

- Display: 10-inch TFT LCD (1024×600 Pixels) / Full Touch
- System: Linux System
- Network Transmission Mode: TCP/IP
- Connection: Ethernet Cable Cat 5 / Cat 6
- Color: Dark Grey Body with Black Cover
- Housing Material: ABS Plastic + PC Cover
- Power Supply: DC 12 - 24V Adaptor / Non-Standard PoE Switch
- Operating Current: ≤700mA
- Operating Temperature: -30°C to +60°C
- Dimensions: 272(L) × 180(W) × 22(H) mm
- Installation: Wall-mounted

FAQ

NO	Malfunction	Reason	Solution
1	Call panel fails to call Indoor Monitor.	1. Indoor Monitor was restore to factroy settings.	1. Set address to 010101010101 in System Settings > Address.
		2. Poor-quality Ethernet cable or mismatched wiring standards (T568A/T568B).	2. Use Cat 5e or higher cables with T568B standard on both ends.
2	Device functions pre-installation but fails post-installation.	1. Poor Ethernet cable quality.	1. Use a better ethernet cable.
		2. Insufficient power supply voltage over long distances.	2. For runs >40 meters, use 24V DC power adapter.
3	Only one monitor rings during visitor call.	Duplicate room address assignment.	Assign unique addresses: - Monitor 1: 010101010101 - Monitor 2: 010101010102 - Increment sequentially for additional units.
4	Lock fails to unlock.	1. Missing lock power.	1. Install a lock power to supply and control the lock.
		2. Incorrect lock wiring.	2. Verify wiring with lock wiring diagrams or videos.
5	Indoor monitor cannot connect to Tuya app.	Unstable Wi-Fi signal or network congestion.	Ensure a stable Wi-Fi connection.

Warranty Certificate

Customer name		Gender		Age	
Address					
Tel				Postcode	
Model No.		Order No.			
Dealer signature		User Signature			

Warranty Terms:

1. Replacement: Within 3 months of purchase, functional defects will result in same-model replacement if product and packaging remain intact.
2. Repair: Free repair services are provided for 1 year (excluding accessories or consumable parts).
3. Validity: Warranty applies only to products used under normal operating conditions.
4. Void Conditions:
   - Physical damage (e.g., housing removal, label tampering).
   - Misuse, accidents, or liquid exposure.
   - Loss of this warranty card.

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.