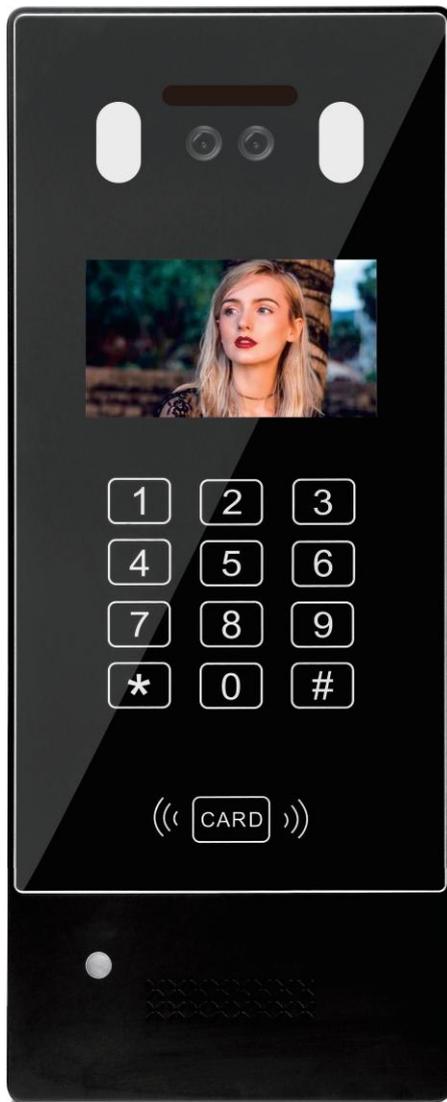
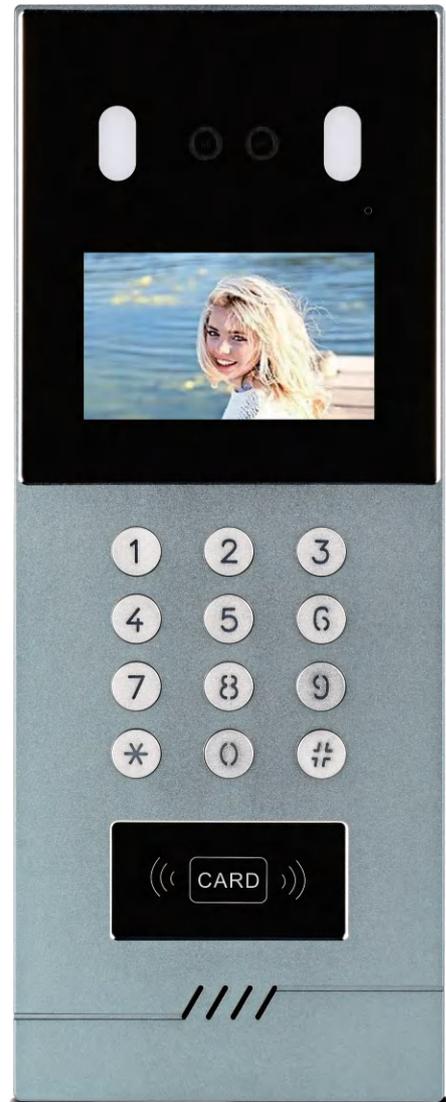


User Manual

IP Apartment Outdoor Station (IP Series)



4.3 Inches

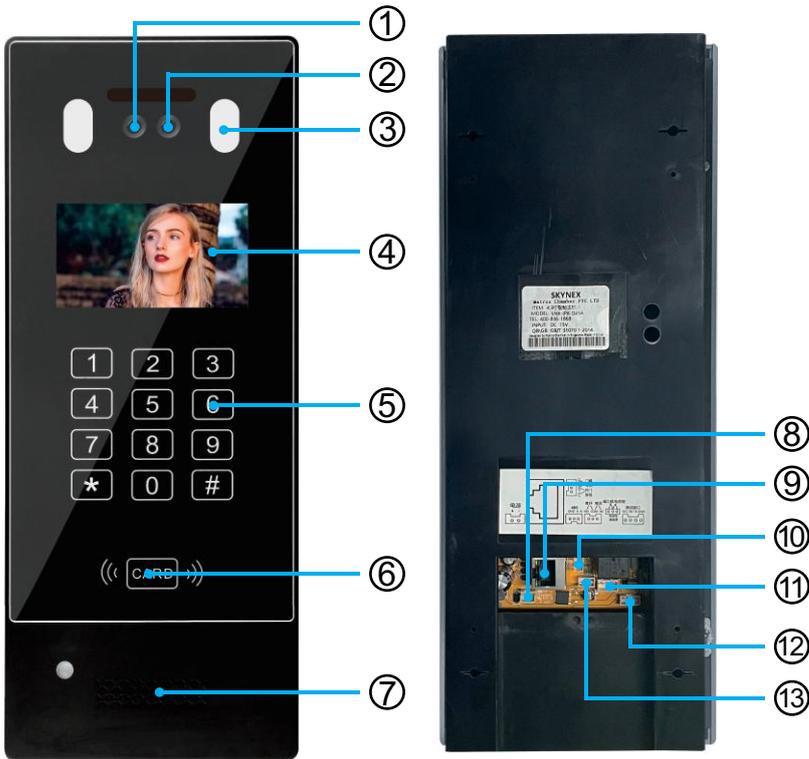


4.3 Inches

Before using this product, read the Quick Guide carefully and save it for future referenceV3.0.

Front and Back Introduction

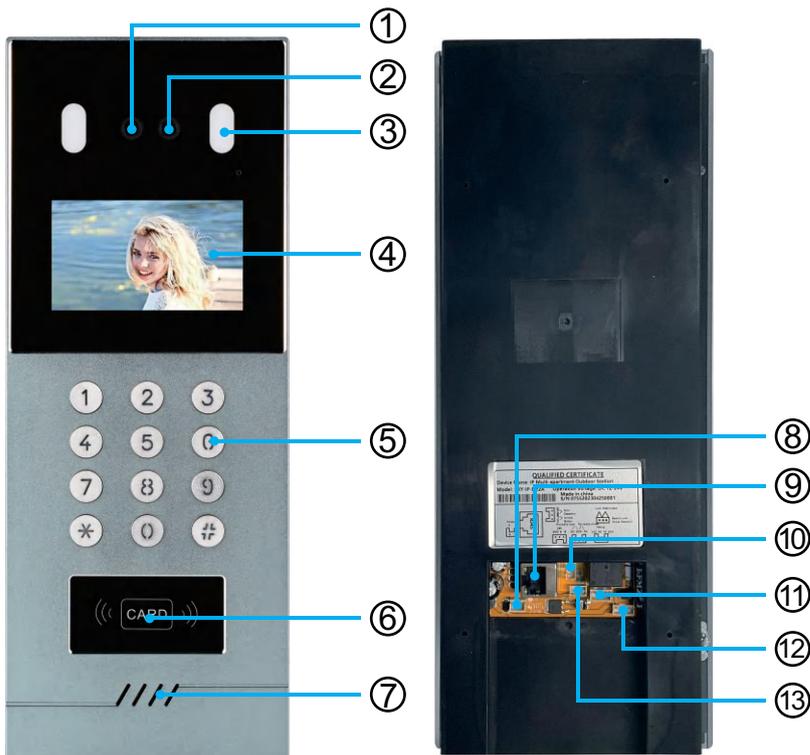
4.3 Inches Outdoor Station



- ① Camera
- ② Infrared Compensation
- ③ LED
- ④ 4.3-Inch LCD Screen
- ⑤ Touch Buttons
- ⑥ Card Reading Area
- ⑦ Speaker
- ⑧ Power/+ -
- ⑨ Rj45
- ⑩ CTL GND DET
- ⑪ NO COM NC
- ⑫ VCC RX TX GND
- ⑬ GND A B

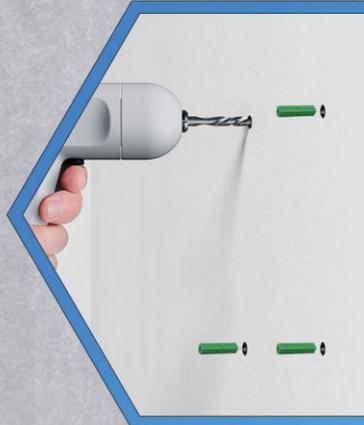
Front and Back Introduction

4.3 Inches Outdoor Station



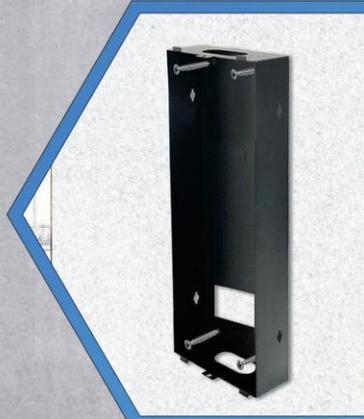
- ① Camera
- ② Infrared Compensation
- ③ LED
- ④ 4.3-Inch LCD Screen
- ⑤ Physical Buttons
- ⑥ Card Reading Area
- ⑦ Speaker
- ⑧ Power/+ -
- ⑨ Rj45
- ⑩ CTL GND DET
- ⑪ NO COM NC
- ⑫ VCC RX TX GND
- ⑬ GND A B

Outdoor Station Installation



Drilling

Drill screw holes at proper location for wall mounting plate.



Fix wall mounting plate

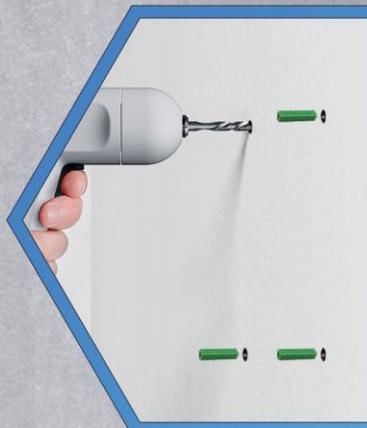
Fix the wall mounting plate to the wall with 4 screws.



Install outdoor station

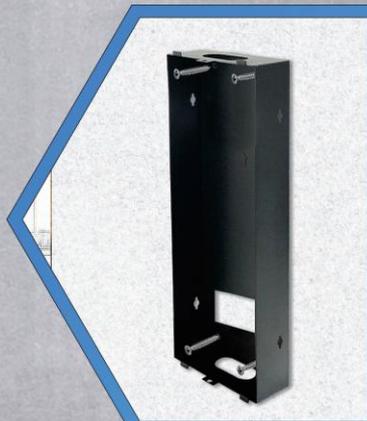
Insert the outdoor station to the plate and fix it with 2 screws.

Outdoor Station Installation



Drilling

Drill screw holes at proper location for wall mounting plate.



Fix wall mounting plate

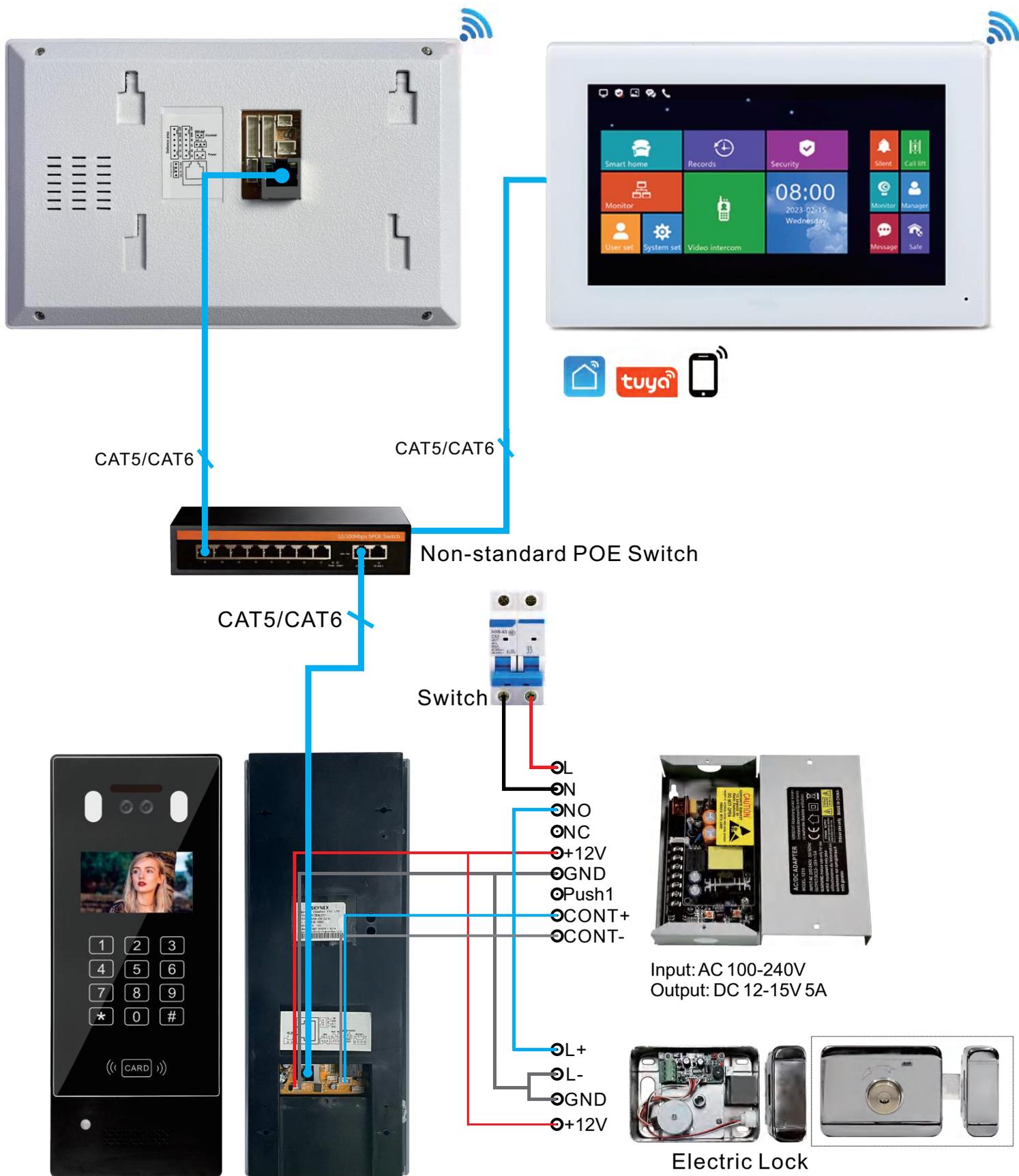
Fix the wall mounting plate to the wall with 4 screws.



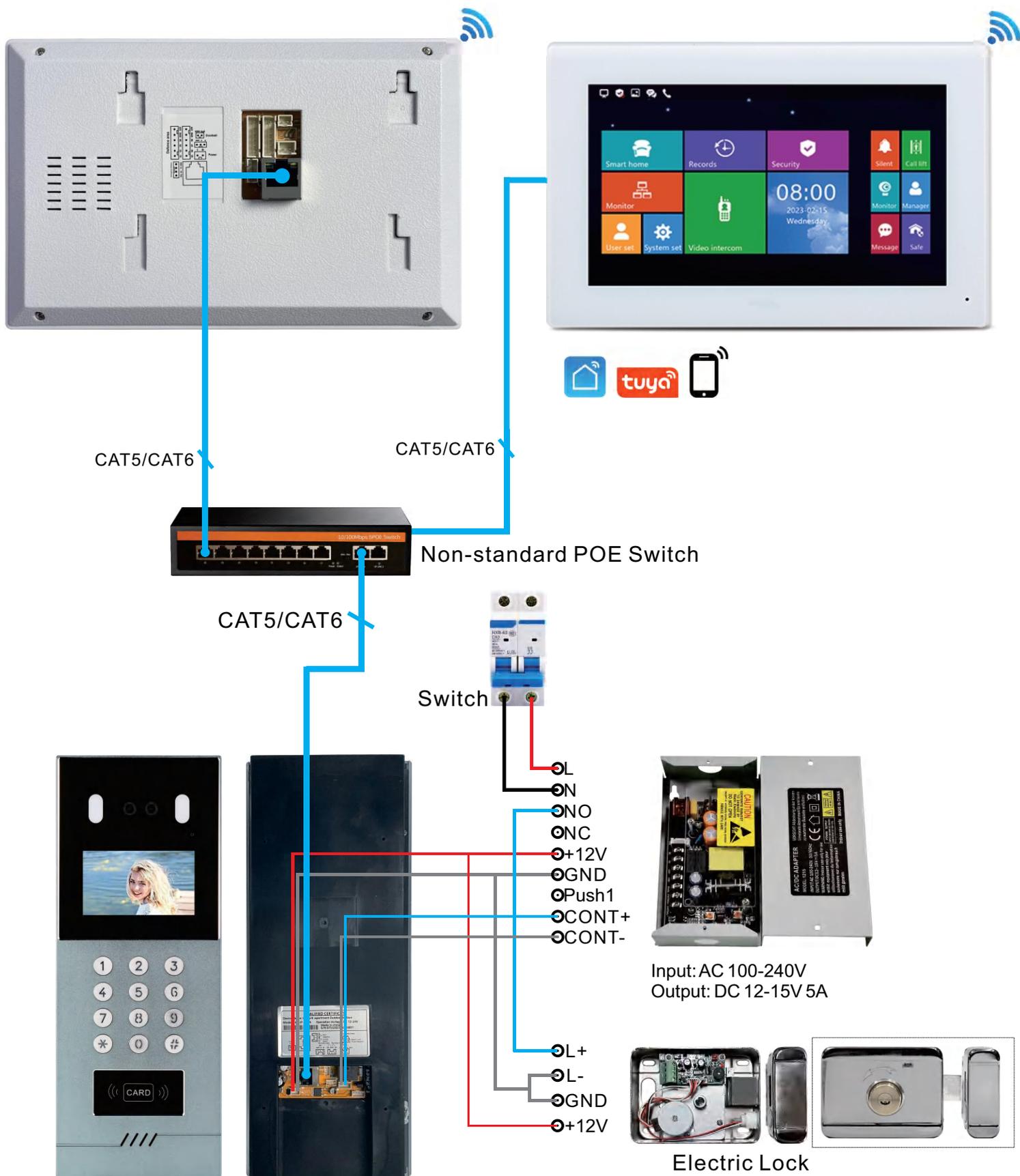
Install outdoor station

Insert the outdoor station to the plate and fix it with 2 screws.

Wiring Diagram(1 to 1) (Ethernet Cable)

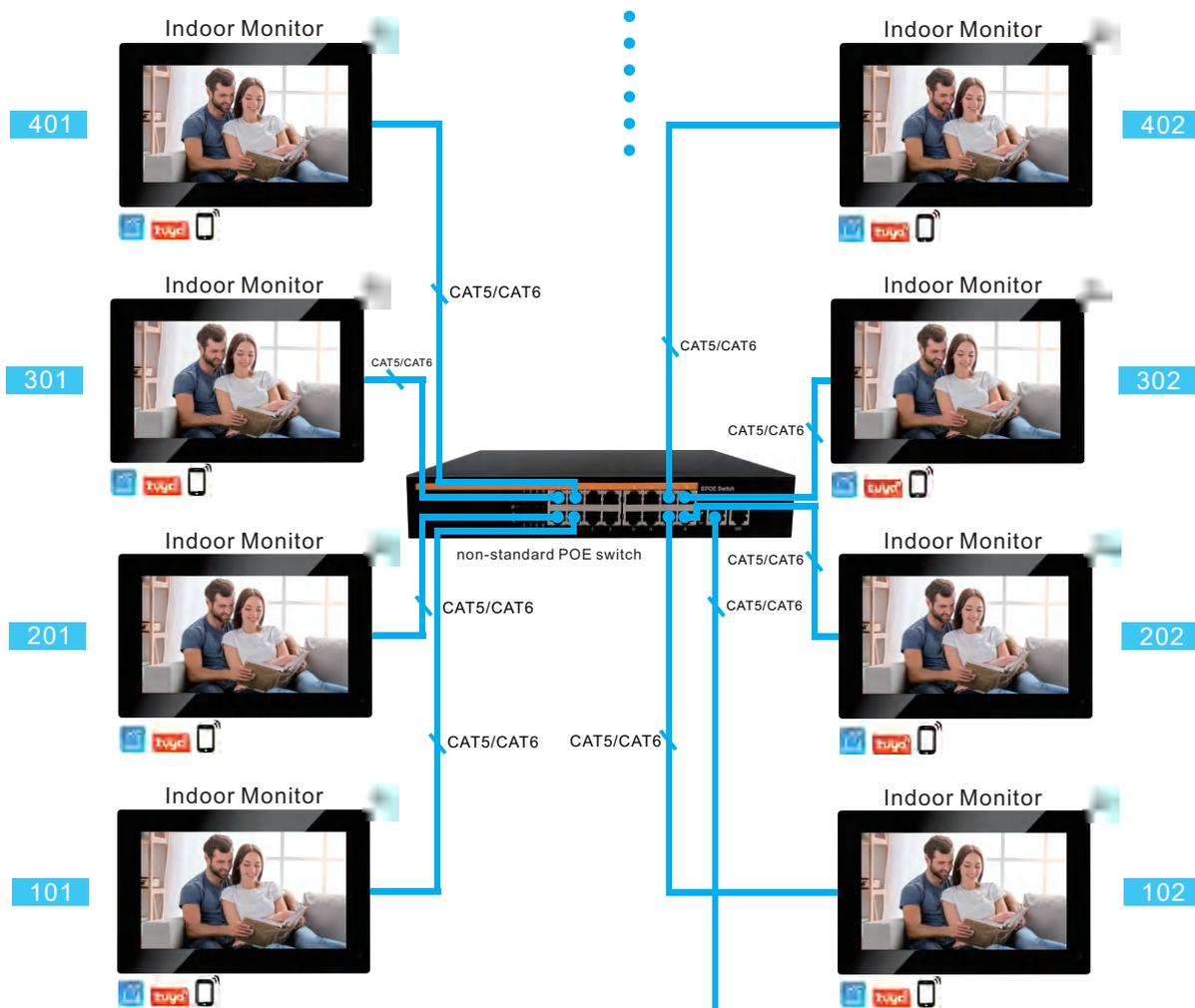


Wiring Diagram(1 to 1) (Ethernet Cable)

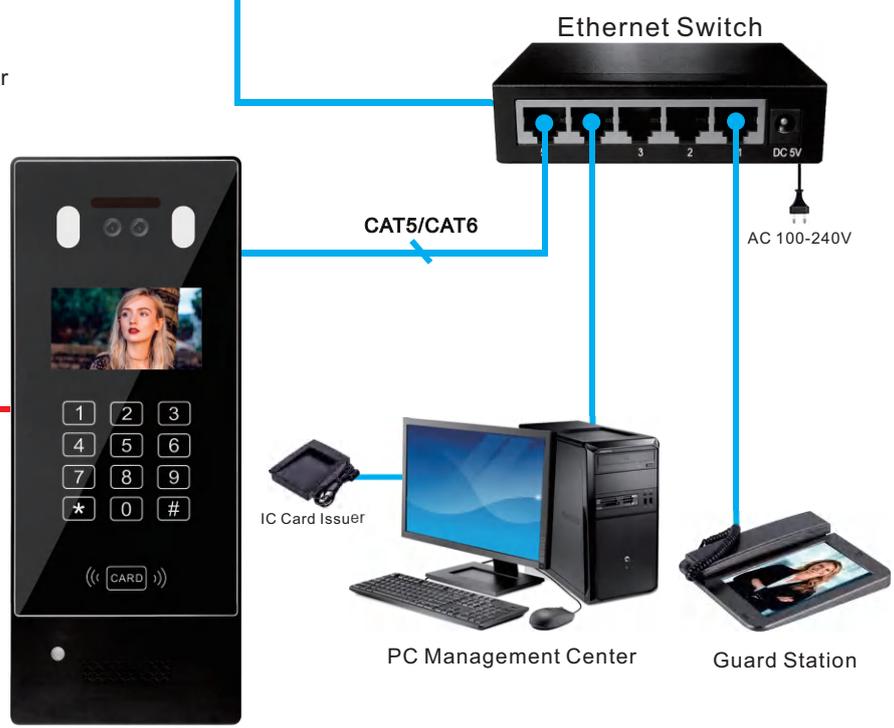
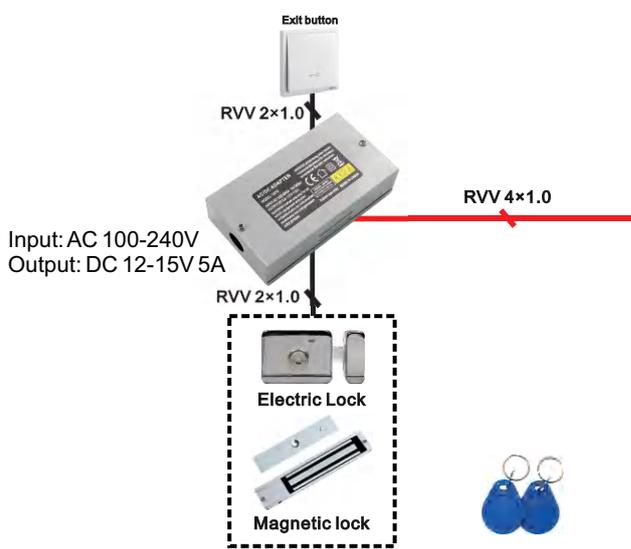


Local LAN Networking Diagram (1 ~ 9999 Monitors)

Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



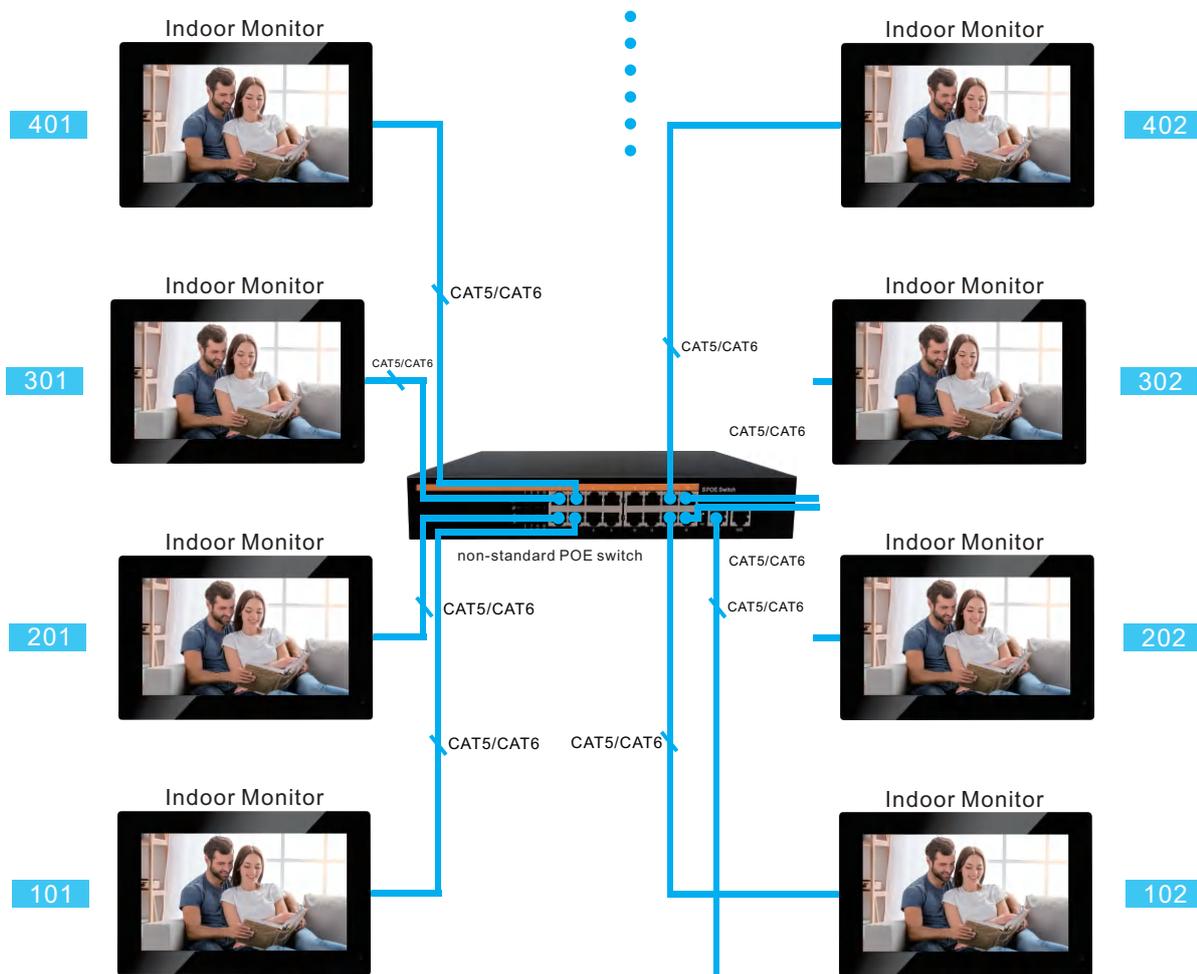
- network cable CAT5/CAT6 main line in unit
- 4 wires(RVV 4×1.0) outdoor station to power
- 2 wires(RVV 2×1.0) lock to power
- 2 wires(RVV 2×1.0) exit button to power



4.3-inch outdoor station

Local LAN Networking Diagram (1 ~ 9999 Monitors)

Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



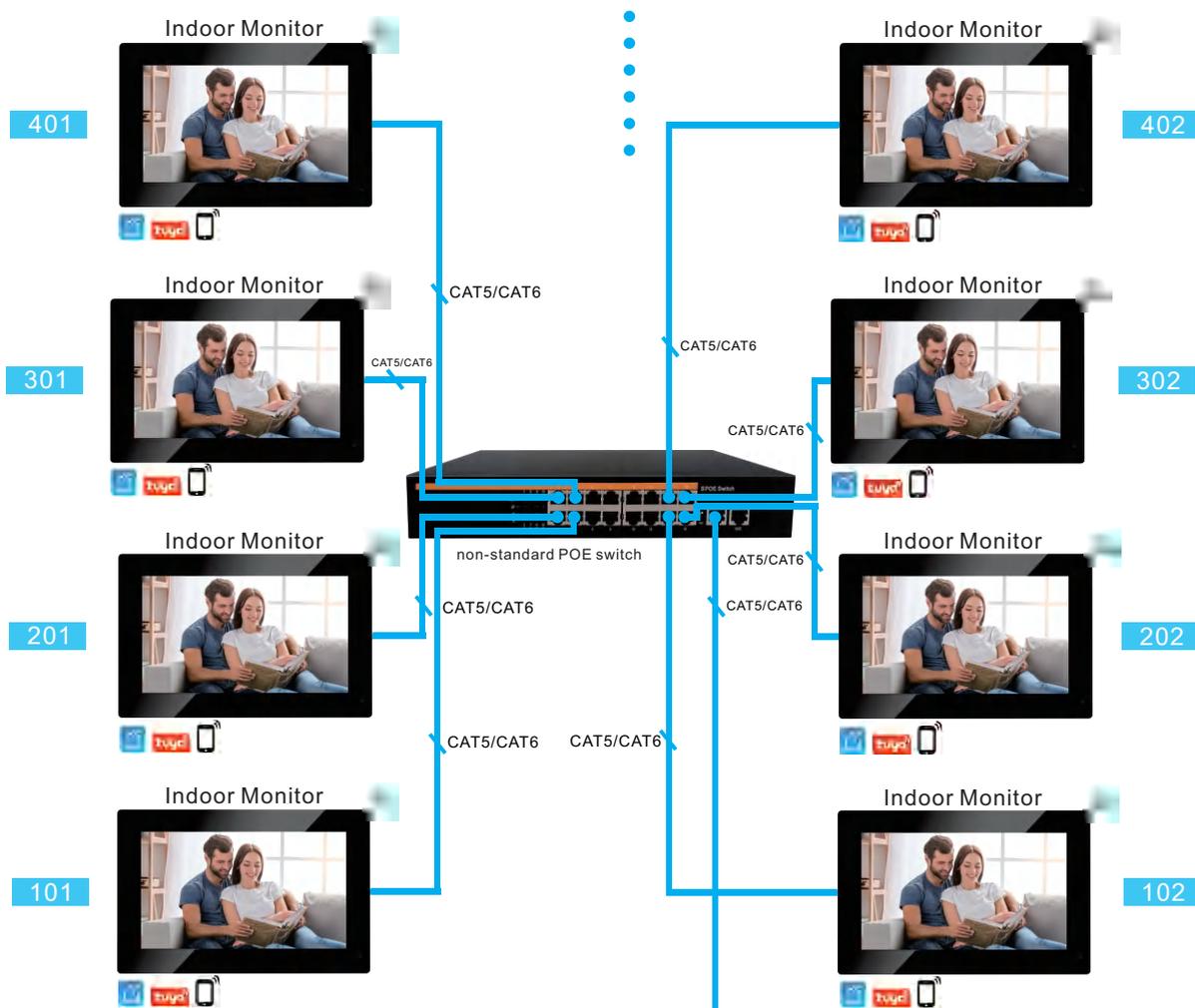
- network cable CAT5/CAT6 main line in unit
- 4 wires(RVV 4×1.0) outdoor station to power
- 2 wires(RVV 2×1.0) lock to power
- 2 wires(RVV 2×1.0) exit button to power



4.3-inch outdoor station

Local LAN Networking Diagram (1 ~ 9999 Monitors)

Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



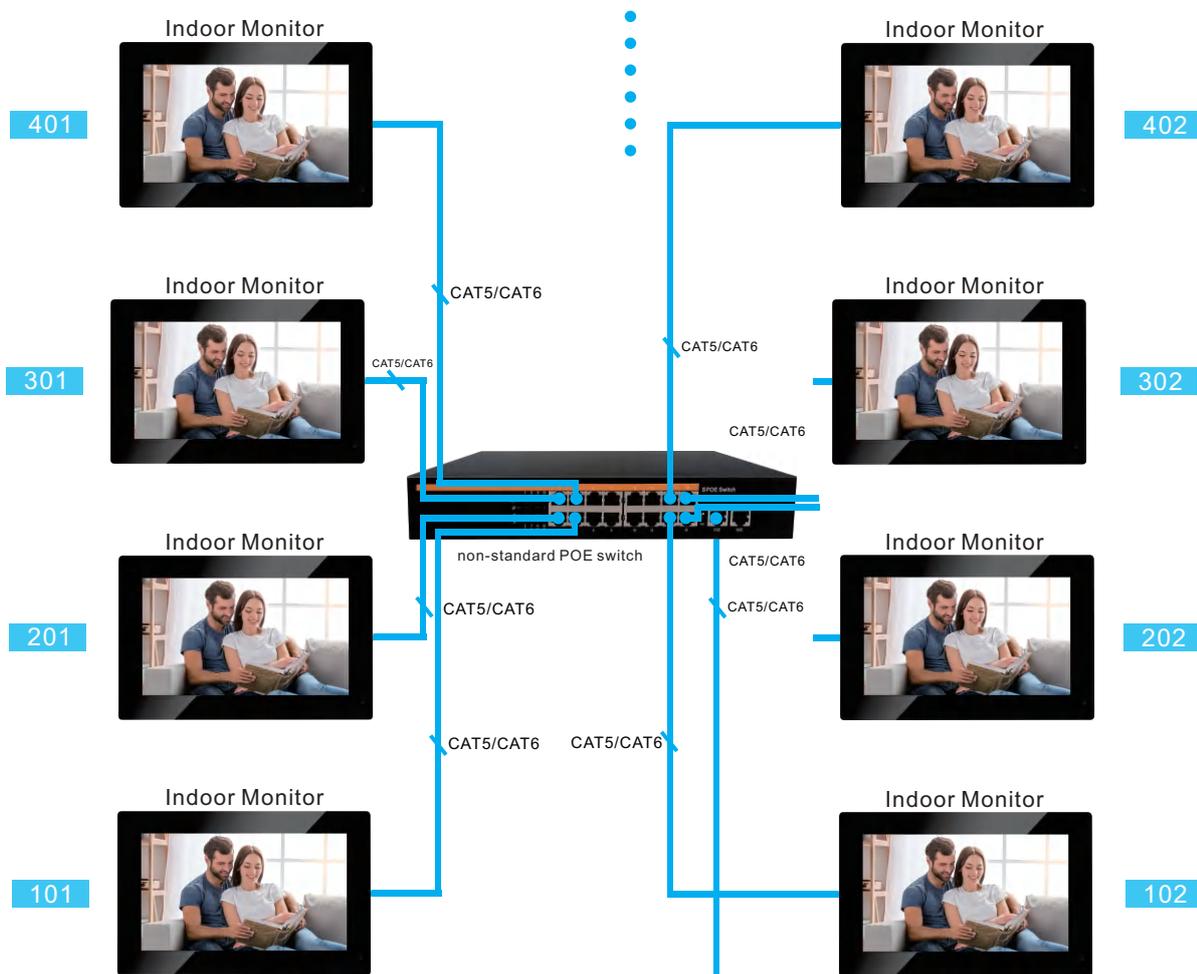
- network cable CAT5/CAT6 main line in unit
- 4 wires(RVV 4×1.0) outdoor station to power
- 2 wires(RVV 2×1.0) lock to power
- 2 wires(RVV 2×1.0) exit button to power



4.3-inch outdoor station

Local LAN Networking Diagram (1 ~ 9999 Monitors)

Room number can be set 1 digit, 2 digit, 3 digit or 4 digit

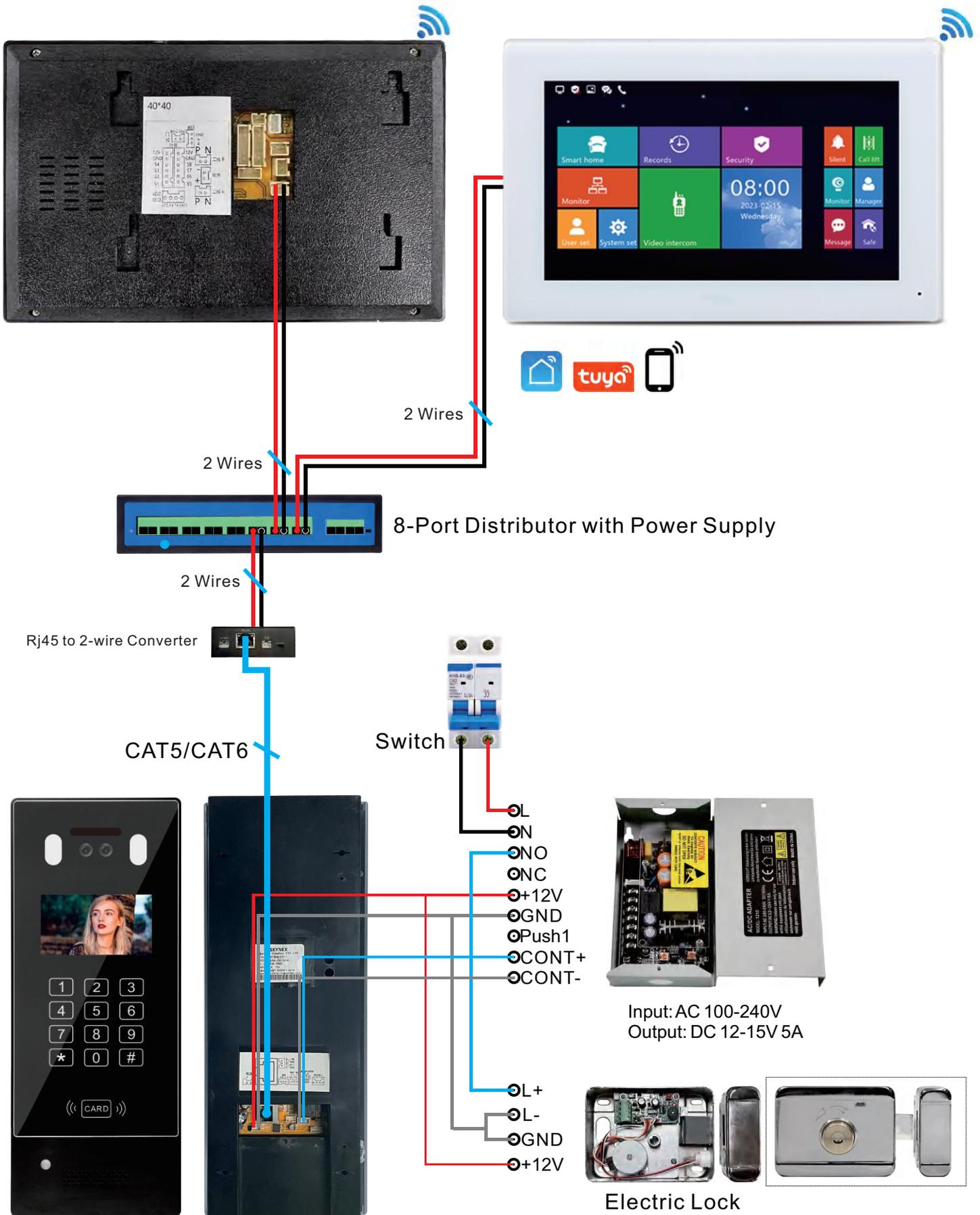


- network cable CAT5/CAT6 main line in unit
- 4 wires(RVV 4×1.0) outdoor station to power
- 2 wires(RVV 2×1.0) lock to power
- 2 wires(RVV 2×1.0) exit button to power

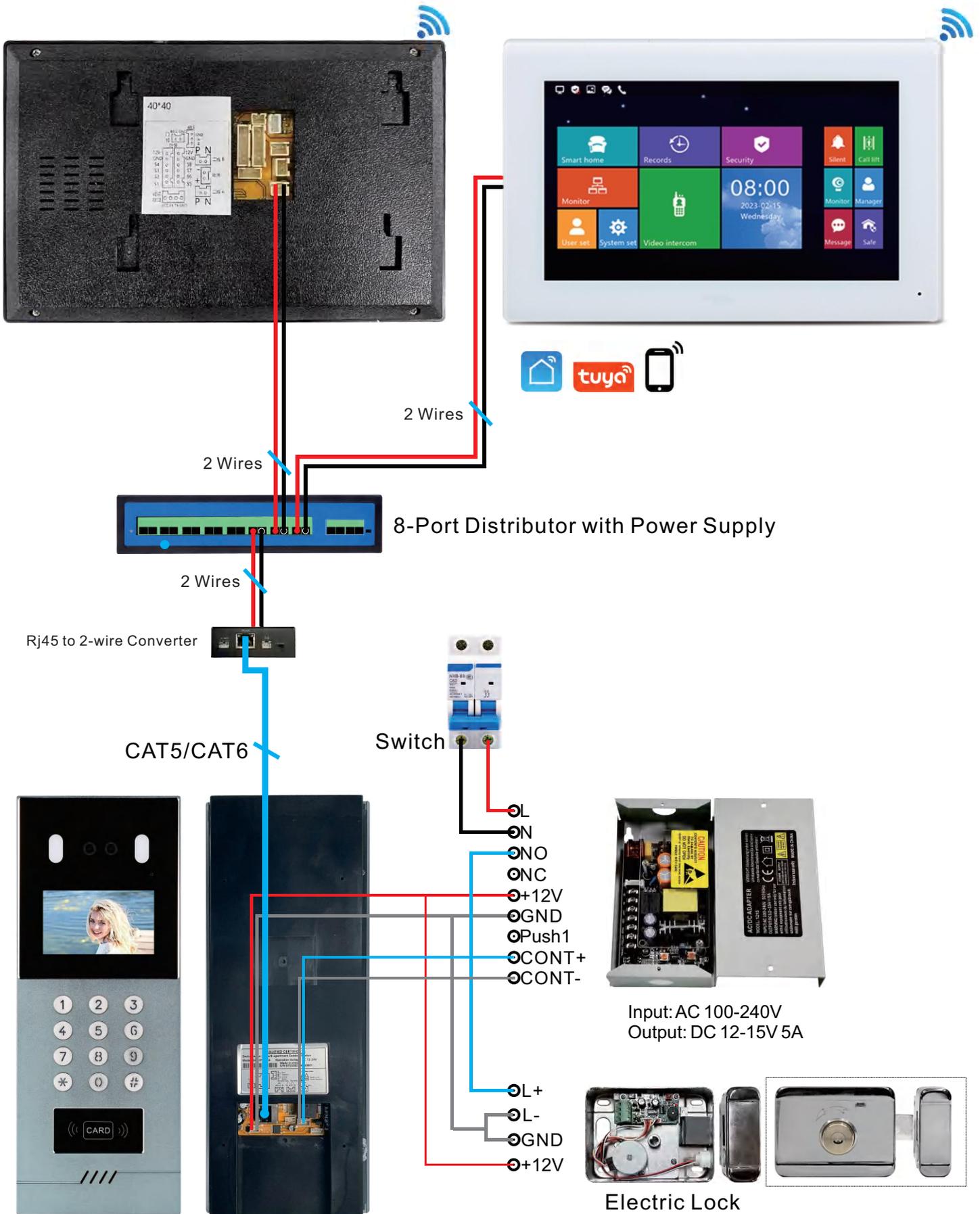


4.3-inch outdoor station

Wiring Diagram(1 to 1) (2 Wires)



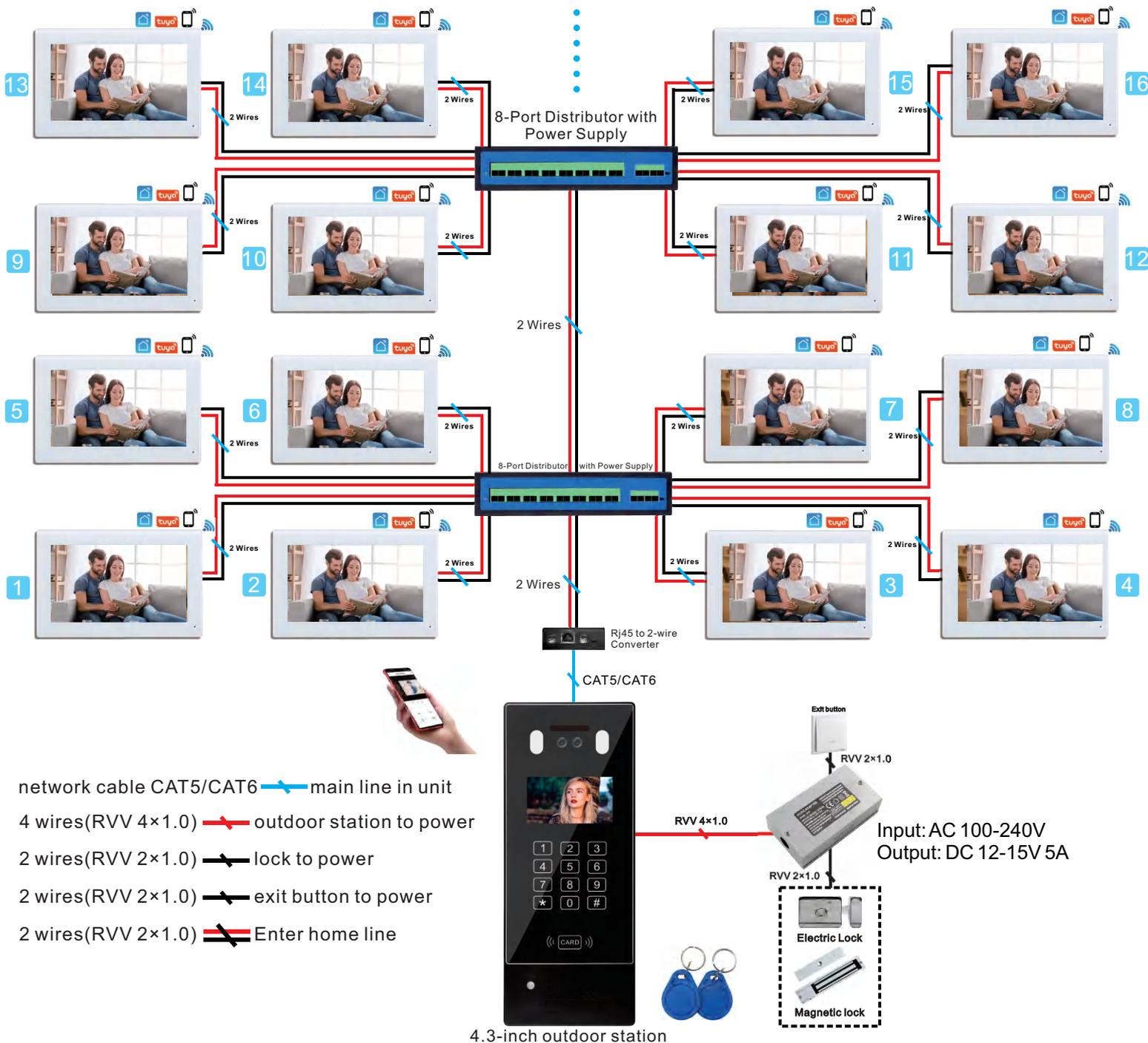
Wiring Diagram(1 to 1) (2 Wires)



2-wire IP Apartment Diagram (1~9999 Monitors)

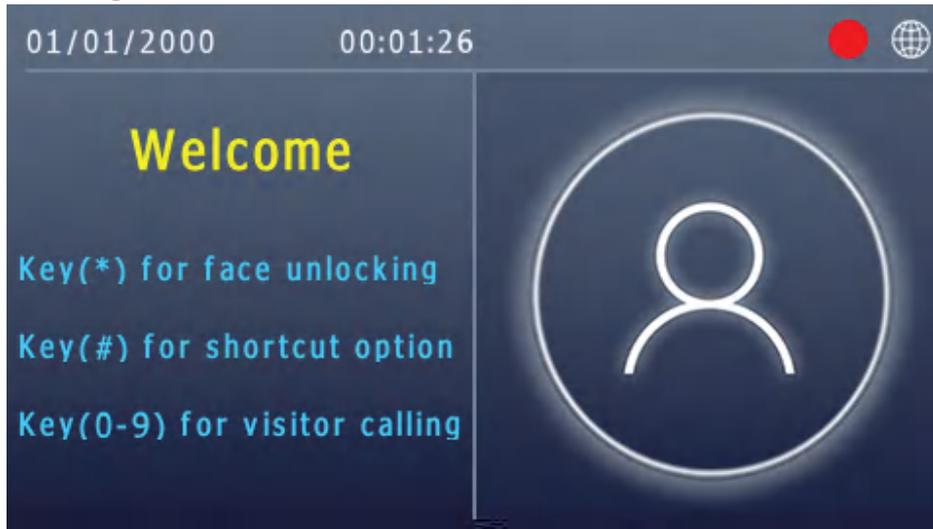


Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



1.Homepage

(1)Description: Features include face recognition, resident calling, and pressing “#” for additional functions.

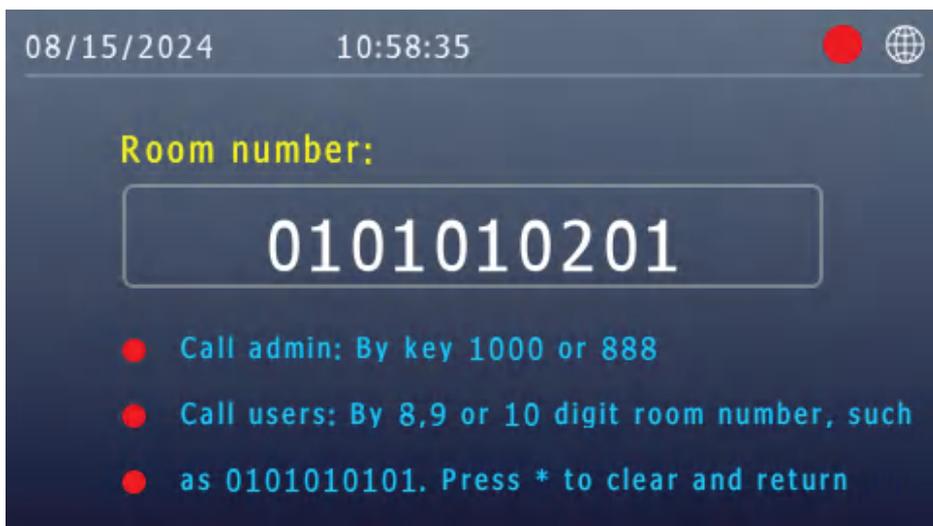


I.Call Resident

①Press the room number, such as 1, 01, 101, or 0101, to call the resident.



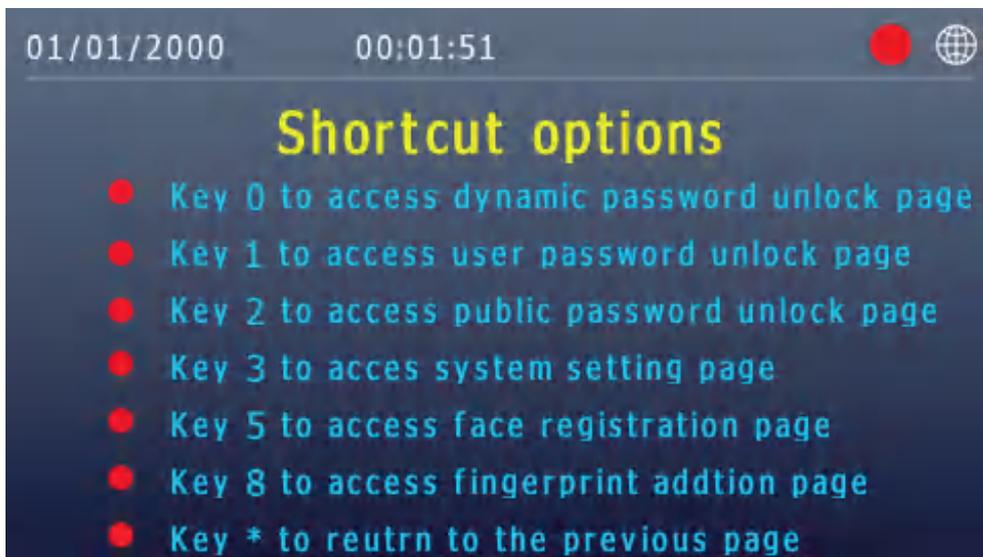
②When used for a community gate, press the entire 10-digit code to call the resident. For example, the first 6 digits represent Zone 01, Building 01, Unit 01, while the last 4 digits indicate the room number. For instance, 02 means Floor 02, and 04 means Room 04.



II.To call the Guard Station or PC Management Center, input 1000.



(2)Press “#” to access additional functions.

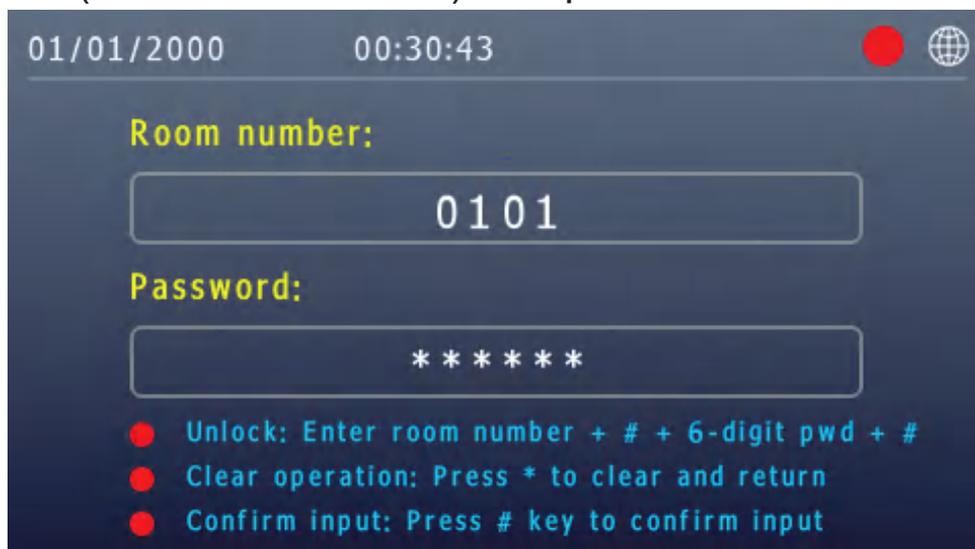


I.Dynamic Password to Unlock

Not available.

II.Resident Password to Unlock

Press “1” to unlock using the resident password. Enter the full 4-digit room number and press “#”. Then input the 6-digit unlock password (set in the monitor) and press “#” to unlock.



III. Public Password to Unlock

Press “2” to unlock using the public password. Enter the 6-digit public password and press “#” to unlock. The default public password is “668899.”



IV. System Settings

Press “3” to access system settings. The default system password is “666666.”



V. Face Registration

Press “5” to begin user face registration. Swipe the added card to register the face. (For more details, see section 2-(16)-I on face registration.)

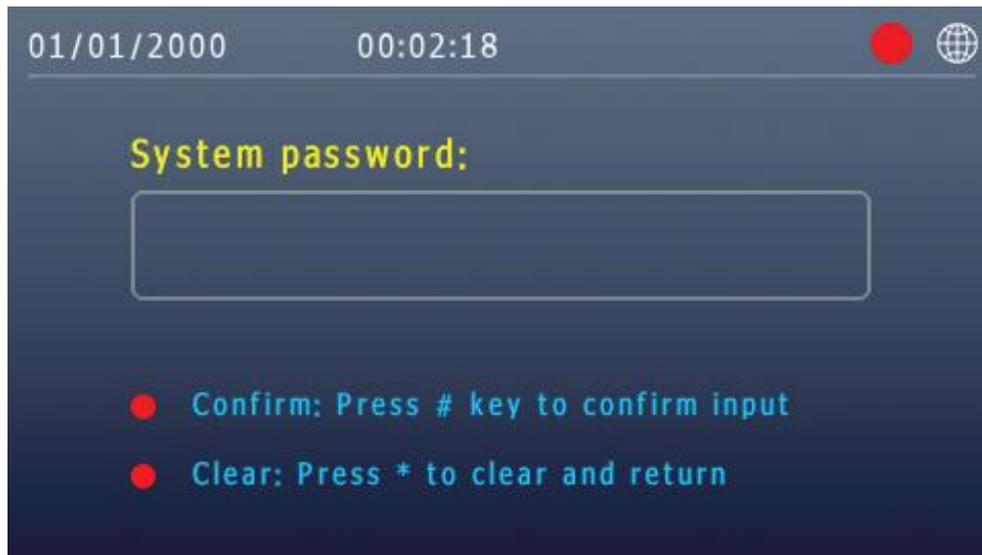


VI. Fingerprint Registration

Not supported.

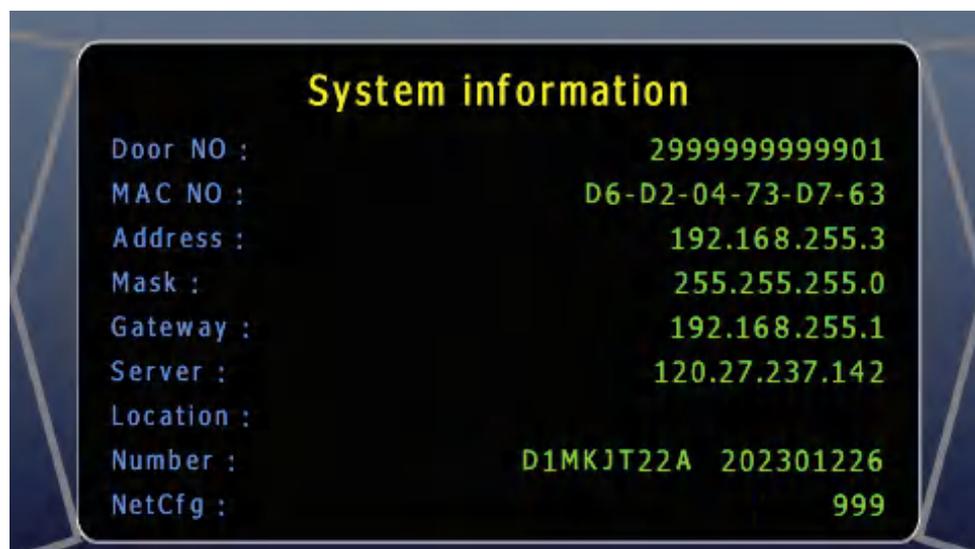
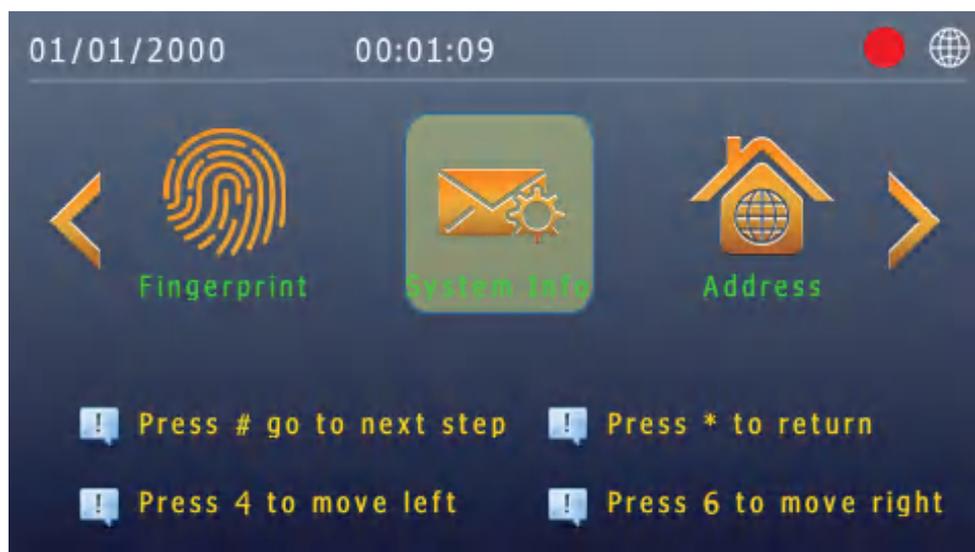
2. System Settings

The password to access the system settings is “666666.”



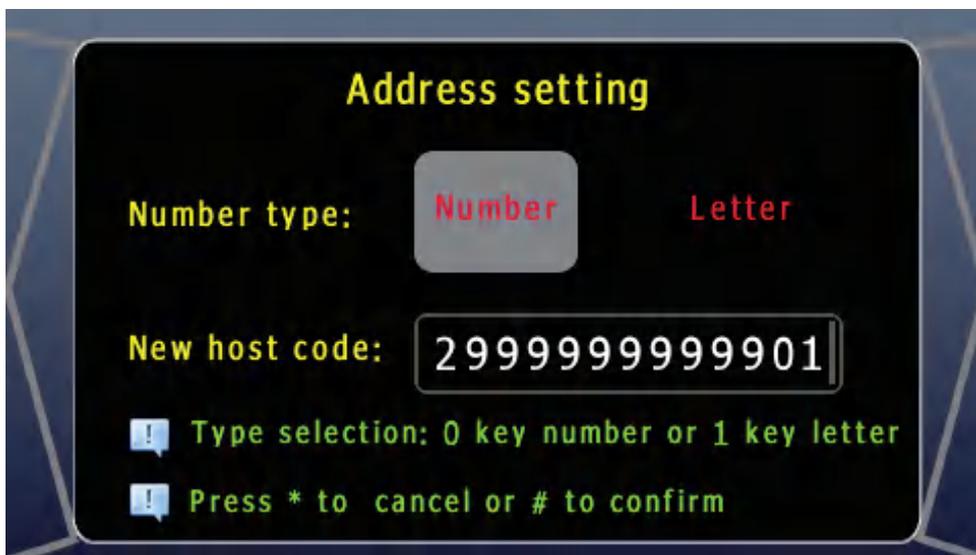
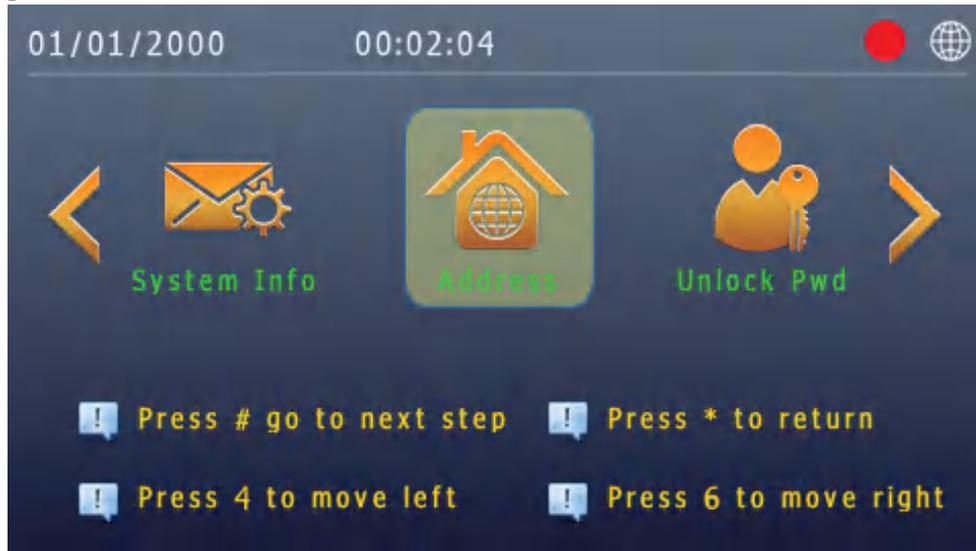
(1) SystemInfo

The outdoor station displays the address code, MAC address, IP address, subnet mask, gateway, server IP, software version, and network configuration (NetCfg) version on this page.



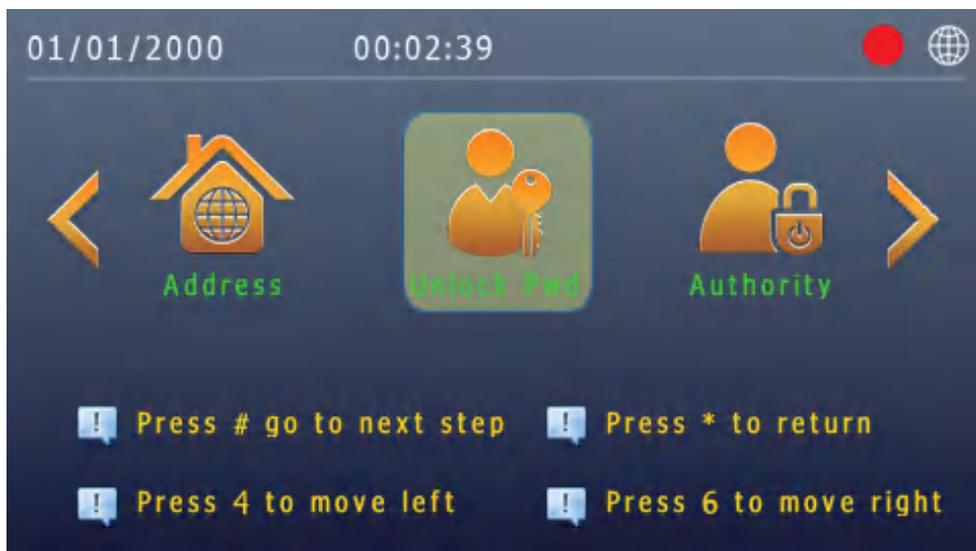
(2)Address

Change the outdoor station's address code.



(3)Unlock Password

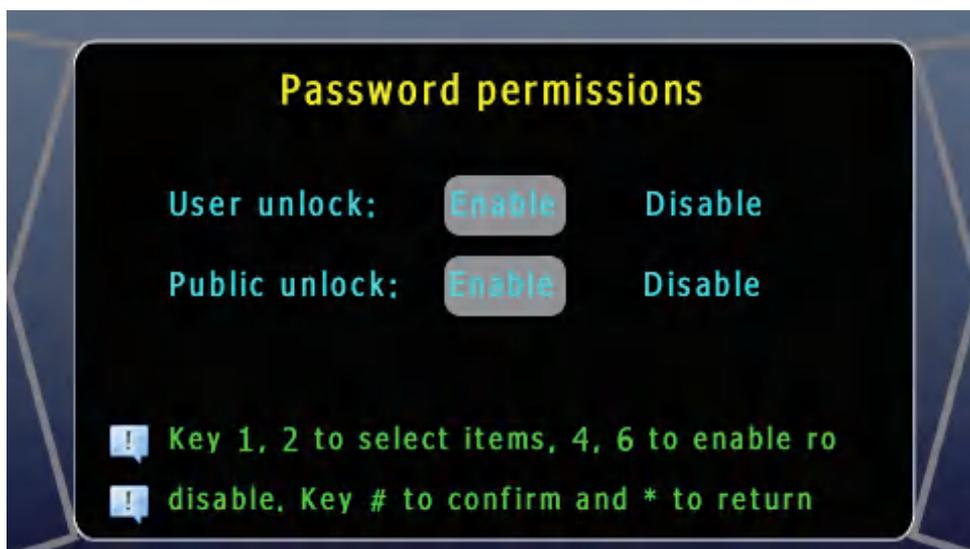
Change the public unlocking password. The default is "668899."





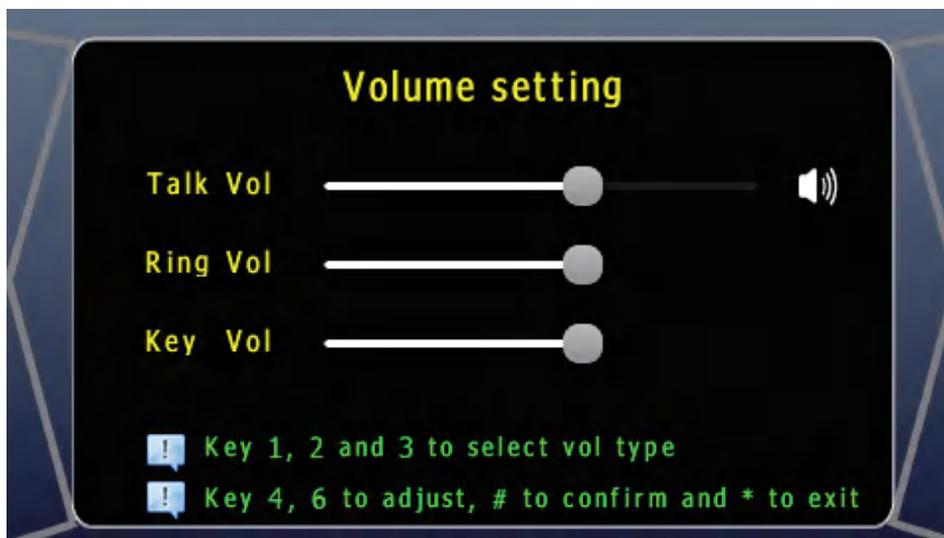
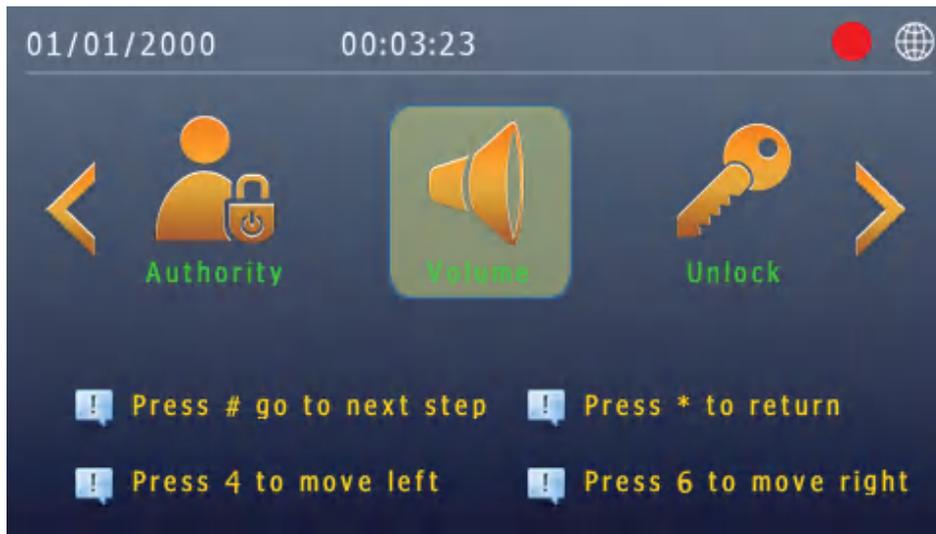
(4) Authority

Enable or disable the public password unlock and resident password unlock functions.



(5) Volume

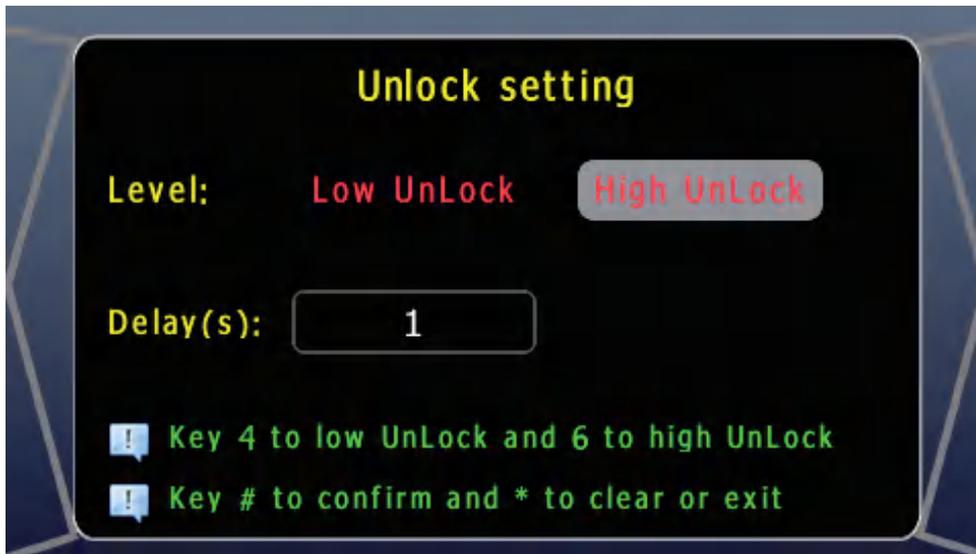
Adjust the talk, ring, and key volume. Press 1, 2, or 3 to select the option, then press 4 or 6 to adjust. Press “#” to confirm the change and “*” to cancel and exit.



(6)Unlock

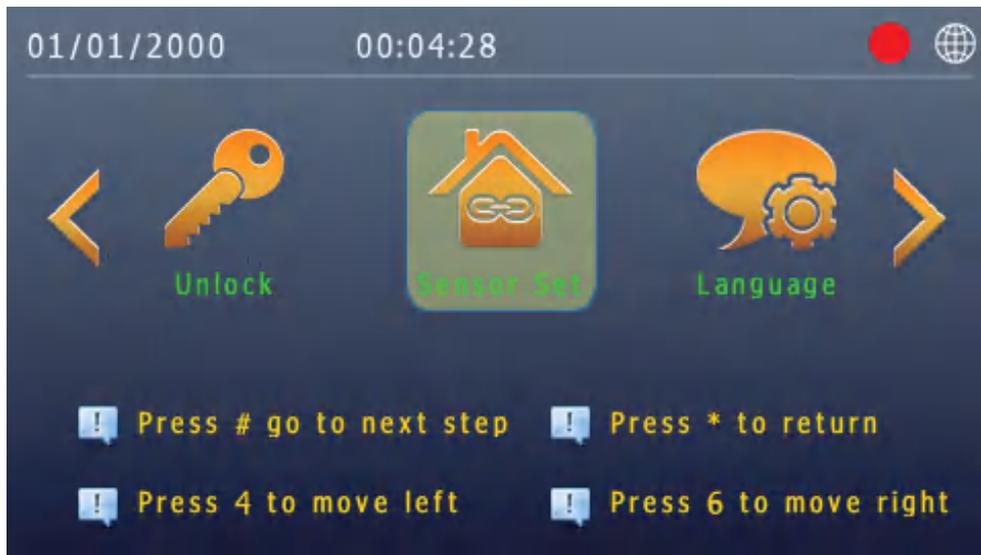
Set the unlocking delay time (in seconds) and unlocking level. The default is high unlock with a 1-second delay. It is recommended not to change this setting.





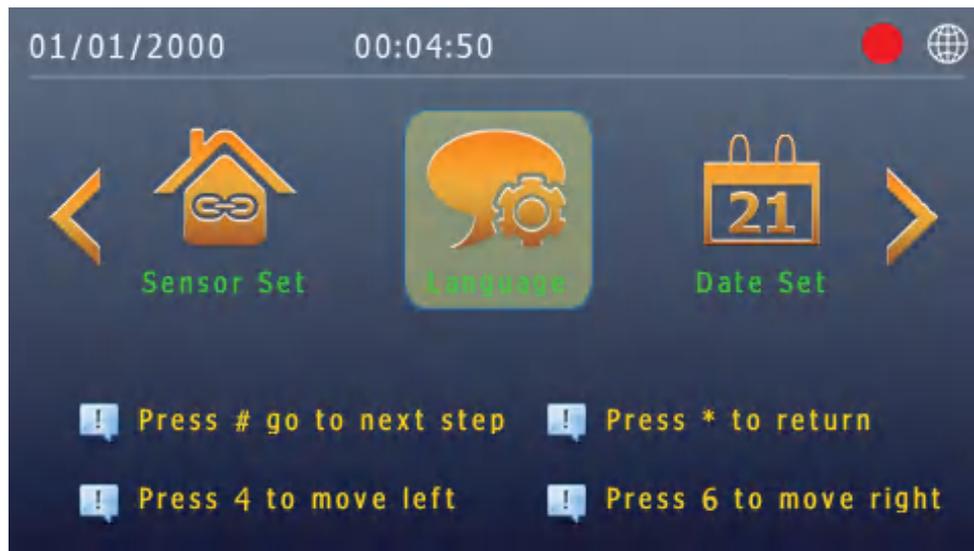
(7)DoorSensor

Door sensor settings include enabling the sensor and setting the alarm delay time. The signal interface does not include a sensor.



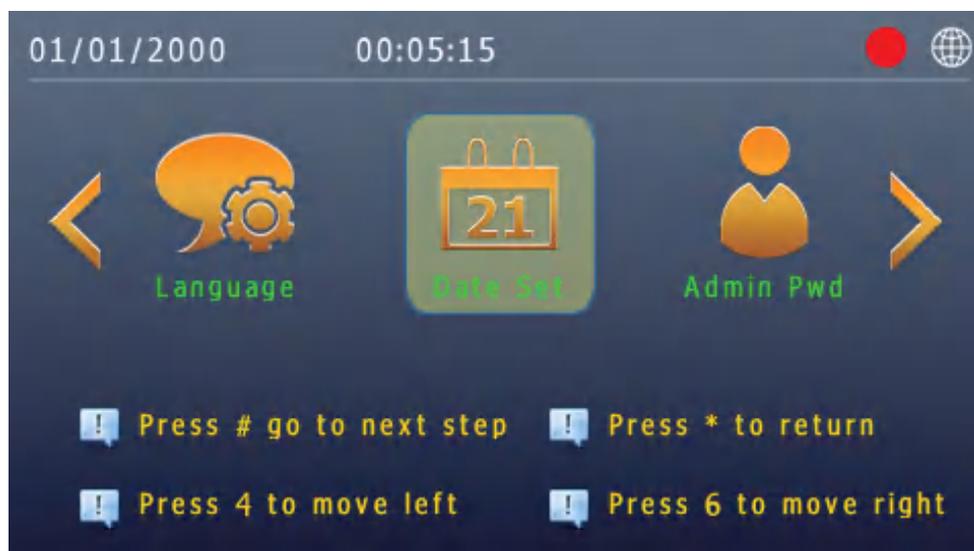
(8)Language

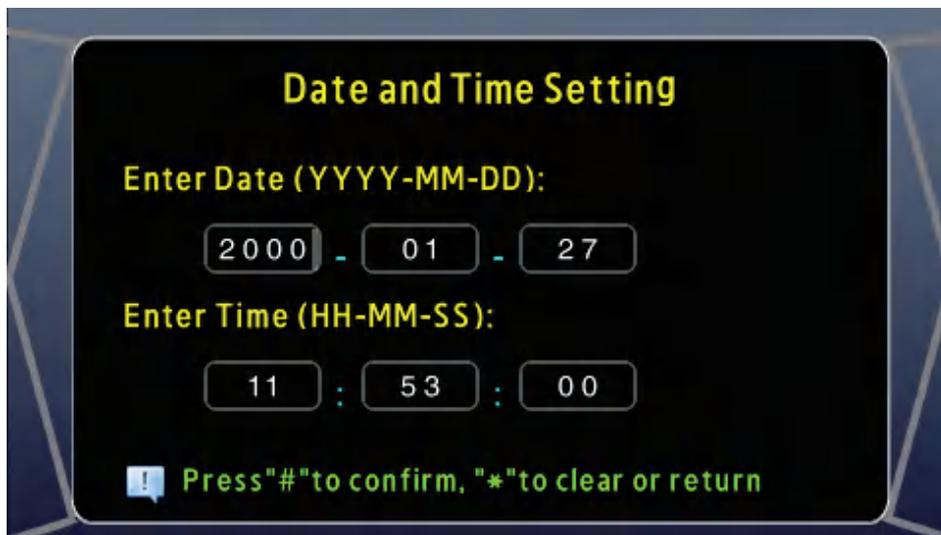
Choose from two languages, including English, Turkish, and other customized options.



(9)Date Time

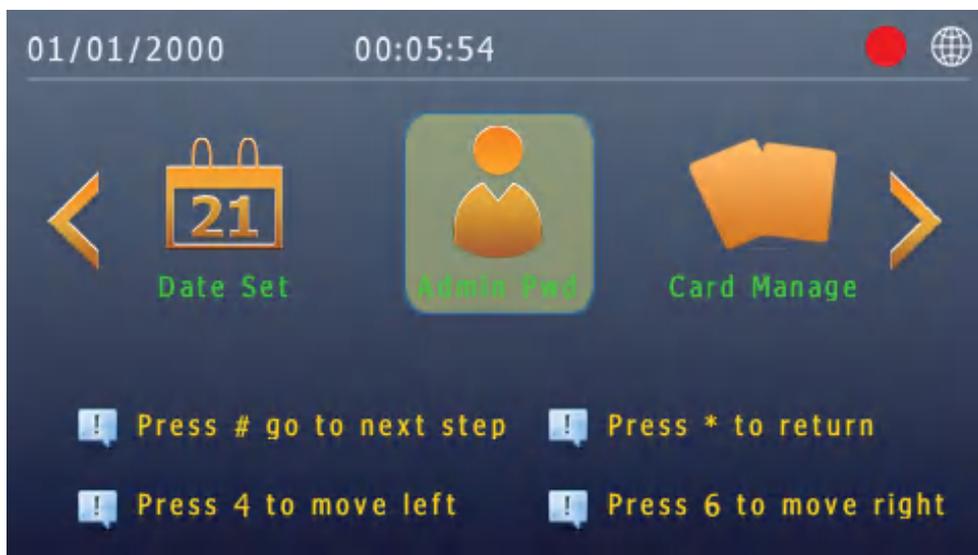
Set the date and time.





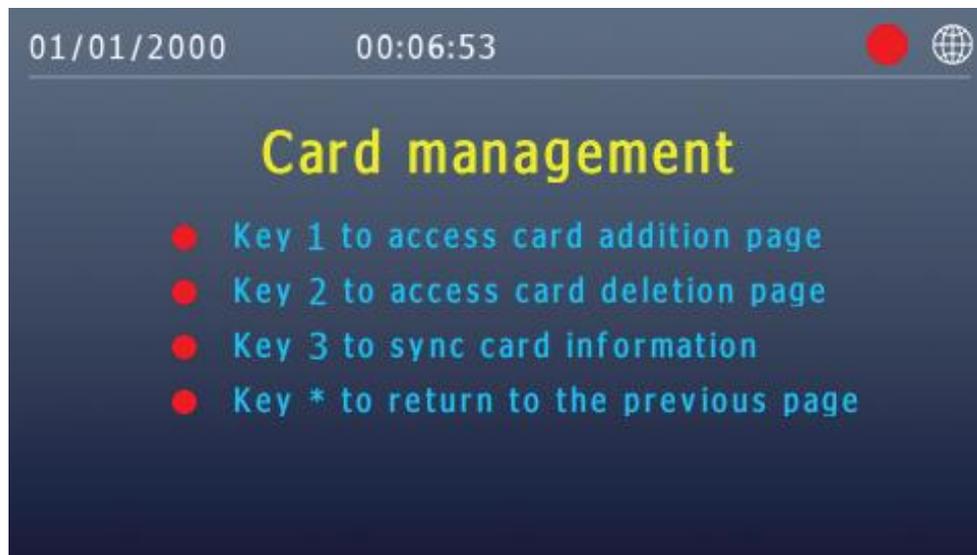
(10) Admin Pwd

Change the system password. The default password is "666666."

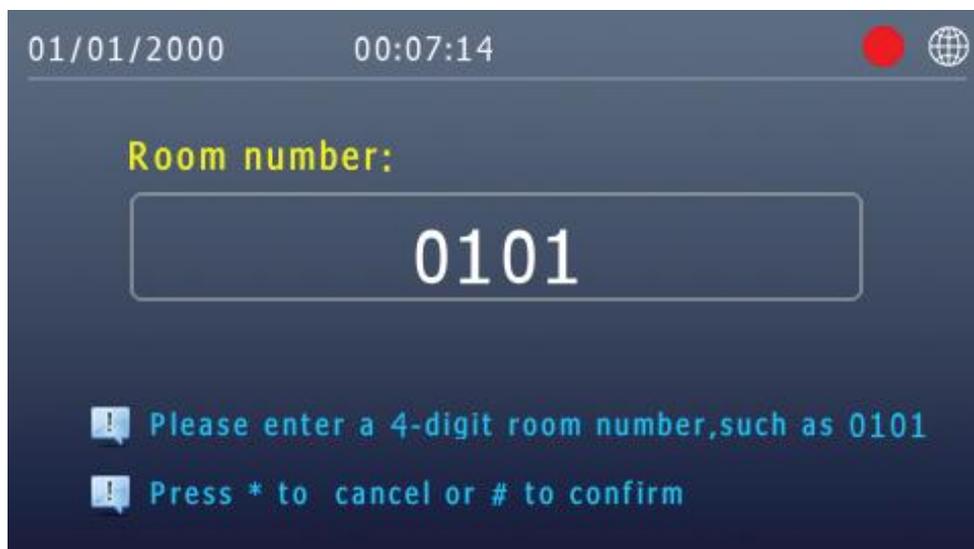


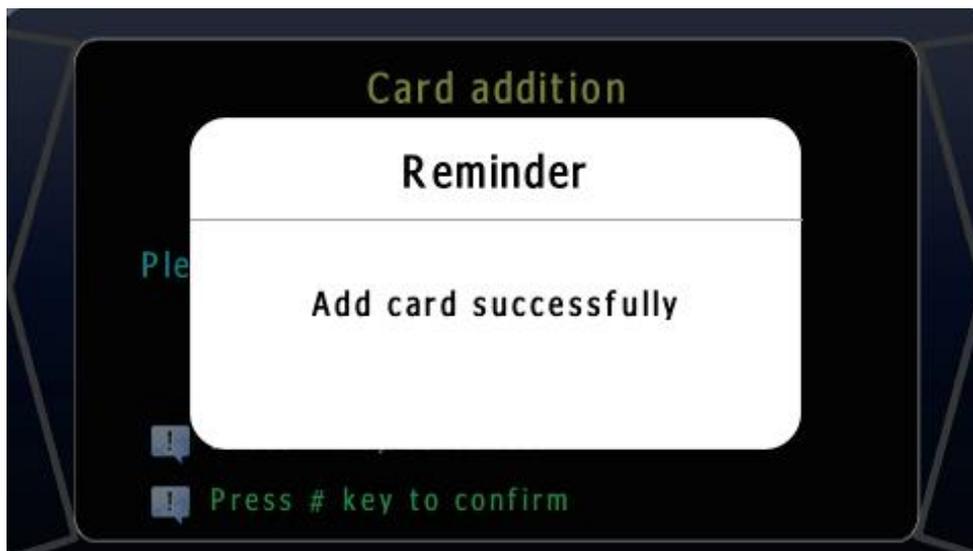
(11) Card Settings

Add, delete, and synchronize card information with the PC management center.



I. Press "1" to add cards. Input the 4-digit room number and press "#" to confirm. Then start adding cards. After swiping cards, press "*" to exit and test the card.

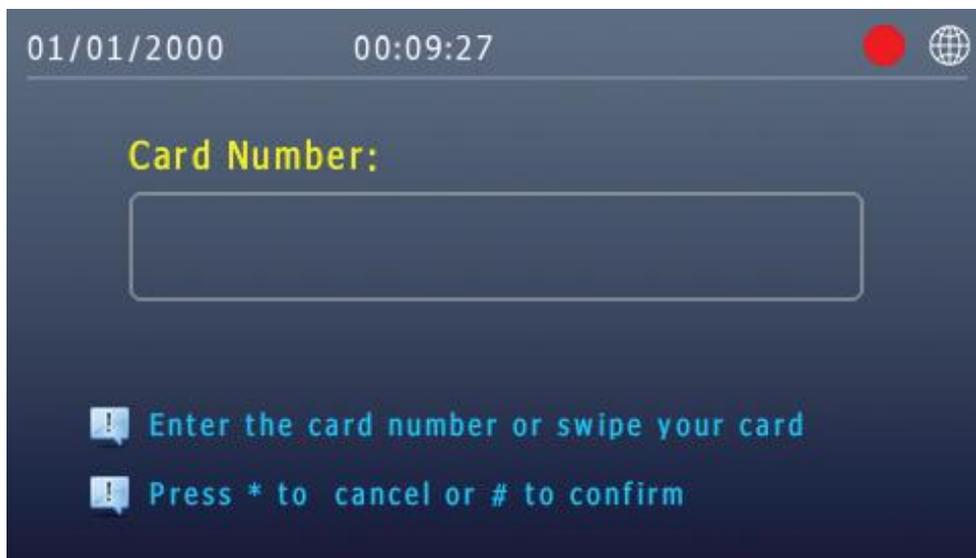




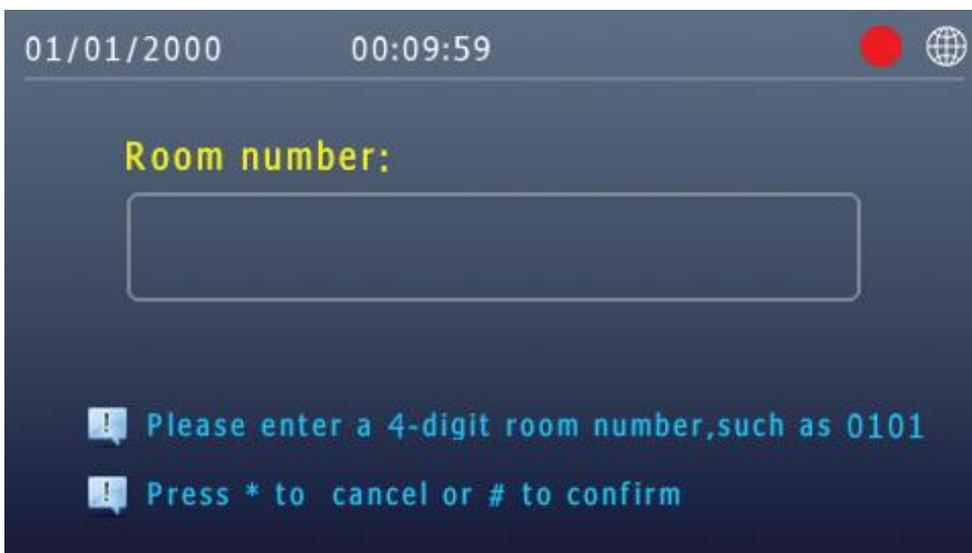
II. Press "2" to delete cards.



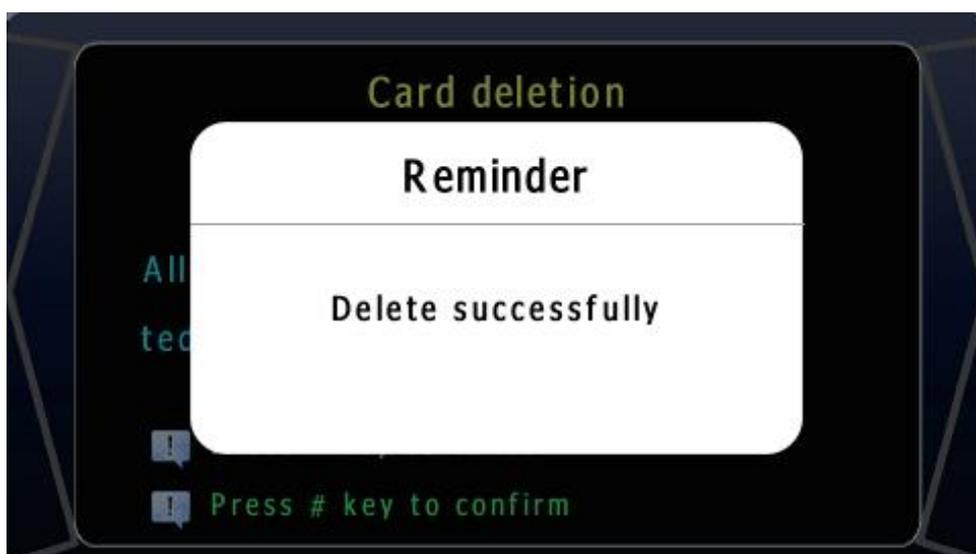
① Press "1" to delete a card by card number. Input the card number or swipe the card, then press "#" to confirm and delete.



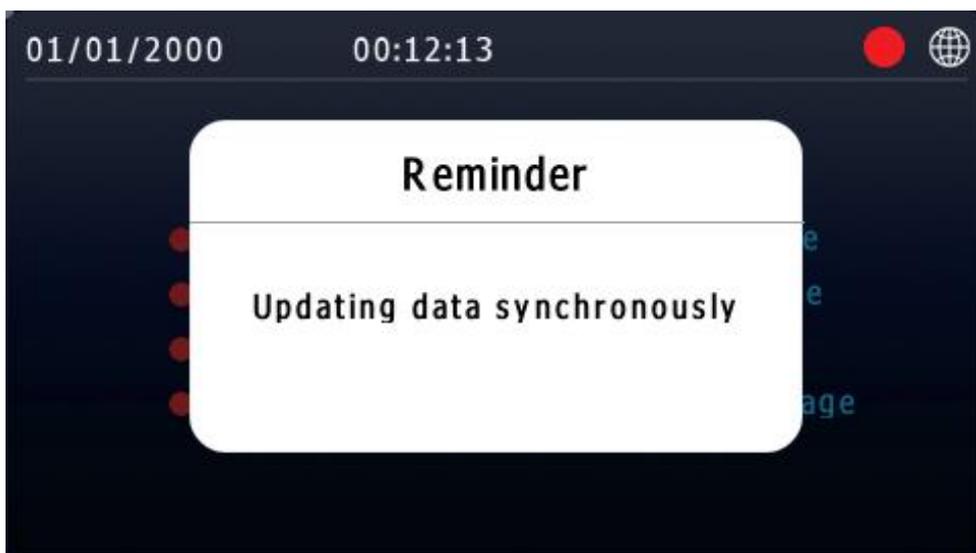
② Press “2” to delete by room number. Enter the 4-digit room number of the cards you want to delete, then press “#” to confirm. Proceed to the second confirmation: press “#” to confirm, or “*” to cancel and exit.



③ Press “3” to delete all card information. Then proceed to the confirmation page: press “#” to confirm, or “*” to cancel and exit.

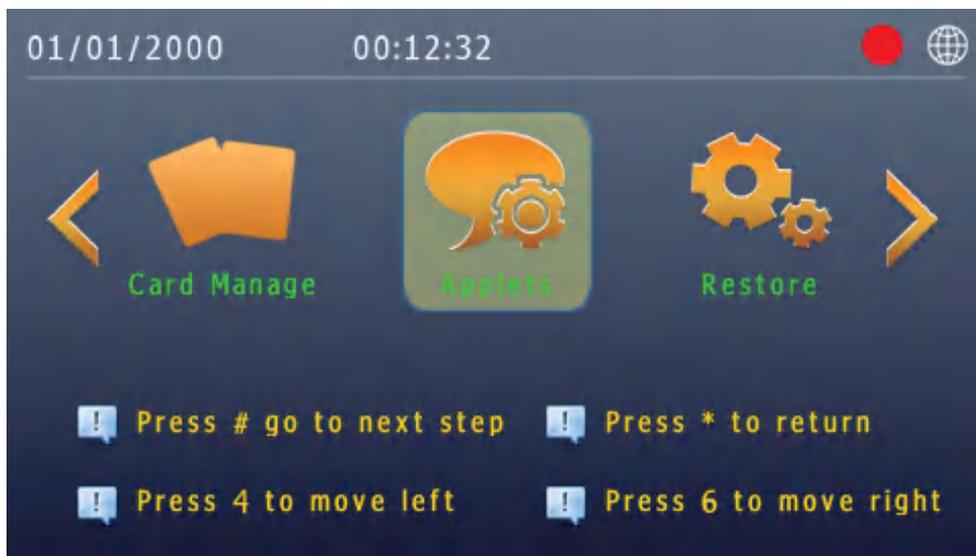


III. Press “3” to synchronize card information with the PC management center.



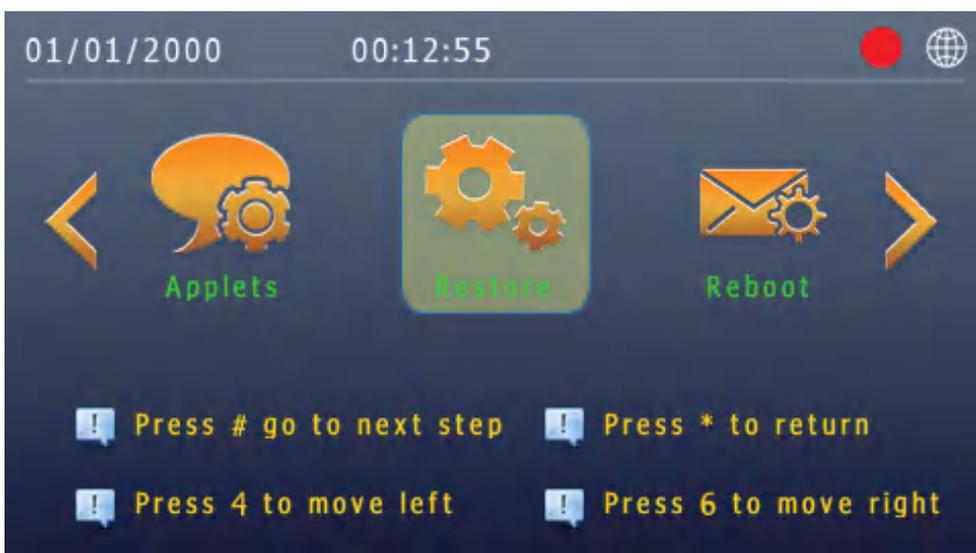
(12) Applets

The WeChat applet cloud intercom is not supported overseas. Press “4” to select “RTMP” and “6” for “TRTC.” Then press “#” to proceed to the next choice. Press “4” to disable or “6” to enable.



(13) Restore

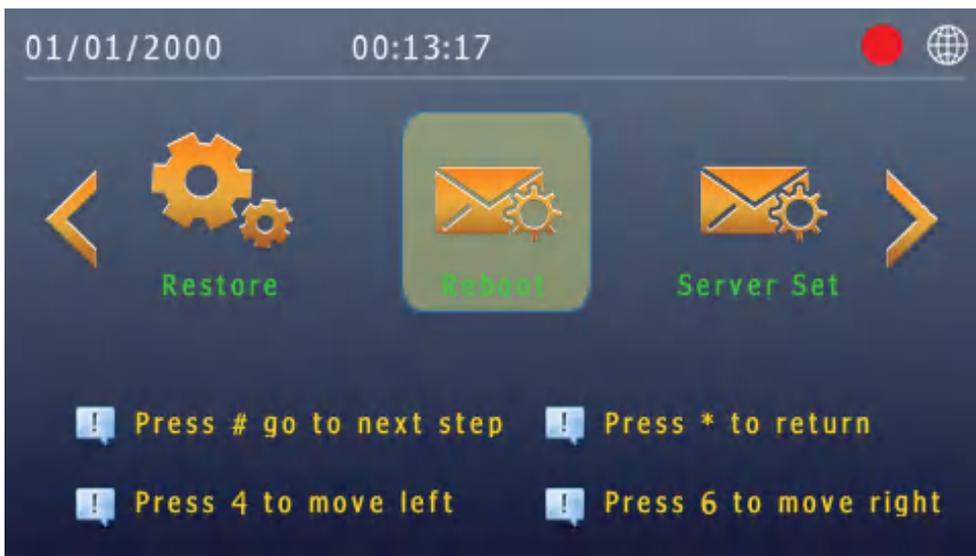
Reset to factory settings. Press “#” to confirm, and “*” to cancel.





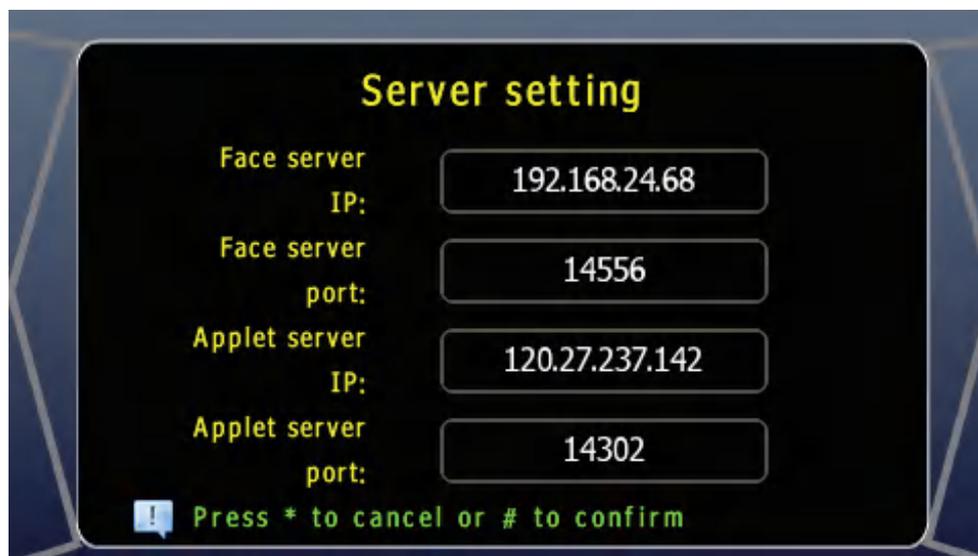
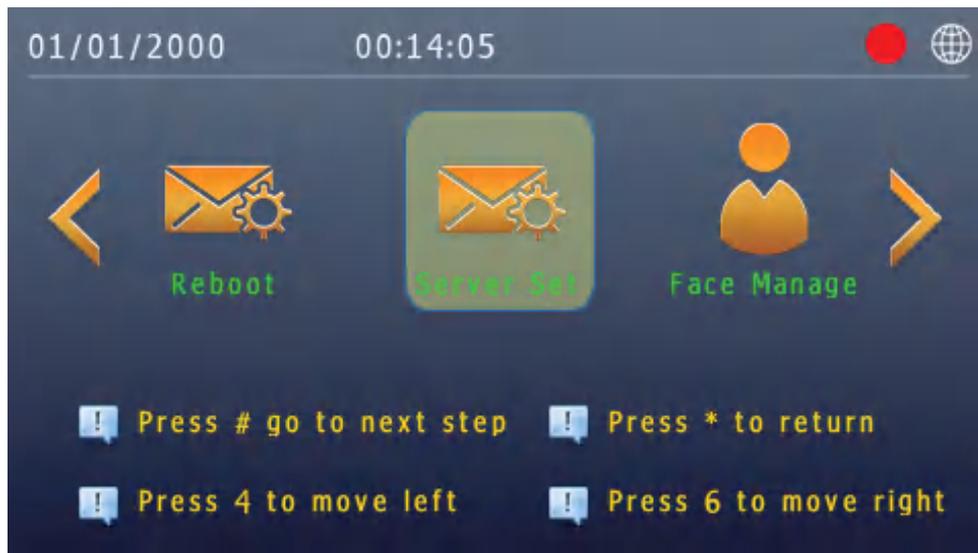
(14)Reboot

Set a scheduled reboot. Press “0” to disable and “1” to enable. Then press “#” to proceed to the next setting. Press “*” to delete a number, and input a number from 0 to 23 to schedule a daily restart. For example, in this case, the system will reboot at 3:00 AM every day.



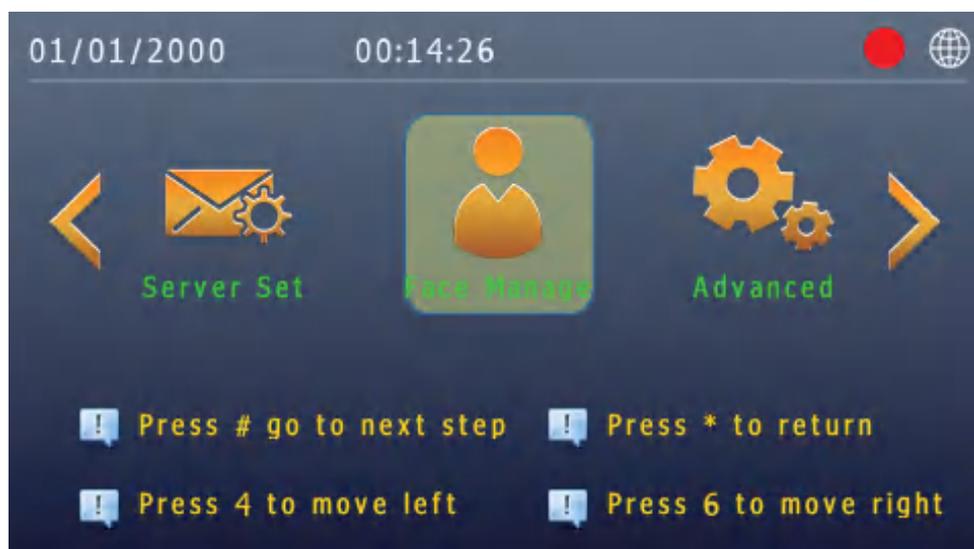
(15)Server Set

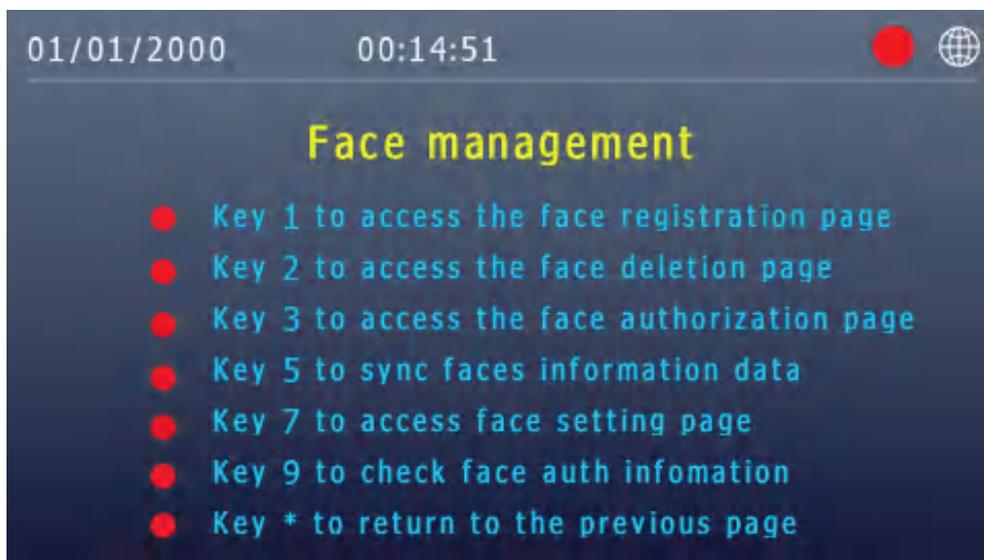
Set the face synchronization server and WeChat applet server, along with their ports. Only modify the face server to the IP address of the PC management center. Please do not change any other settings.



(16)Face Manage

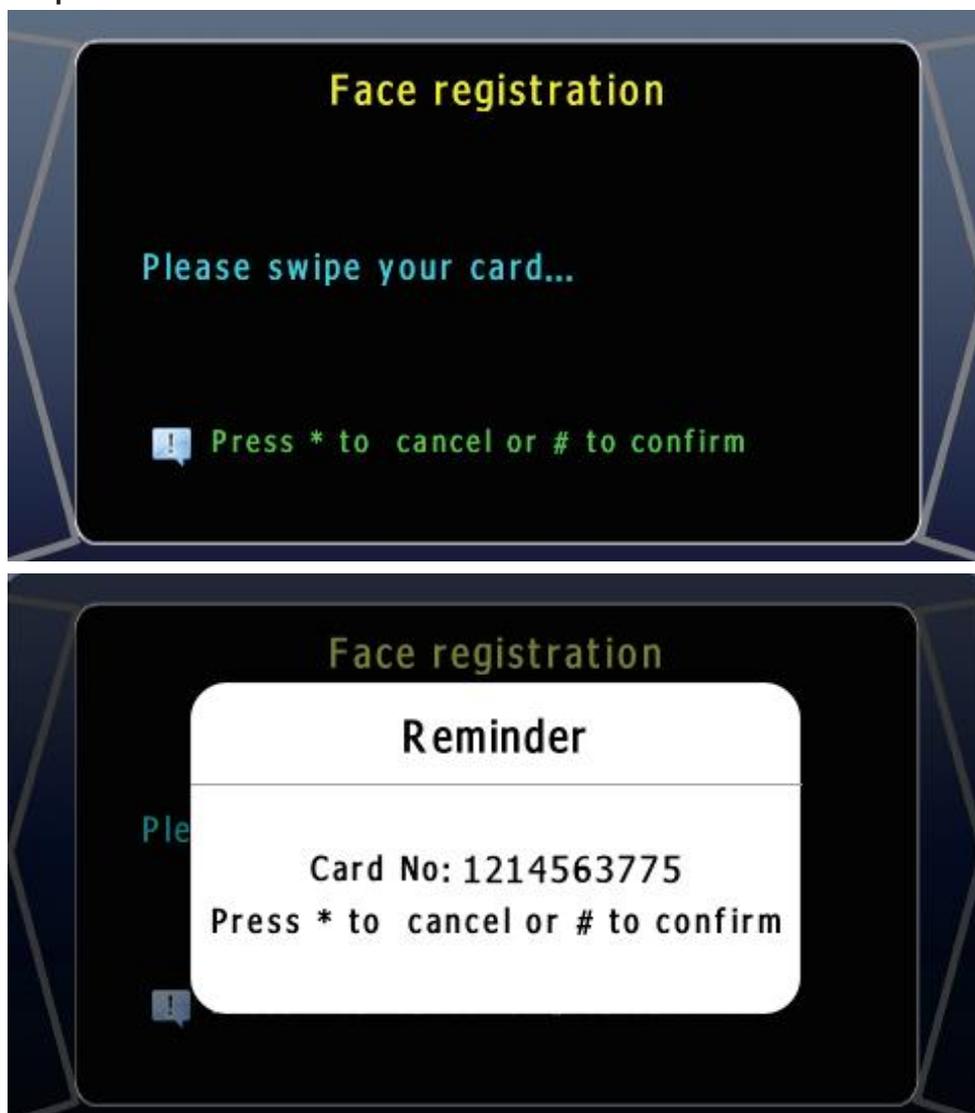
Manage face addition, deletion, synchronization, authorization codes, and user registration functions. The face management password is "123456."



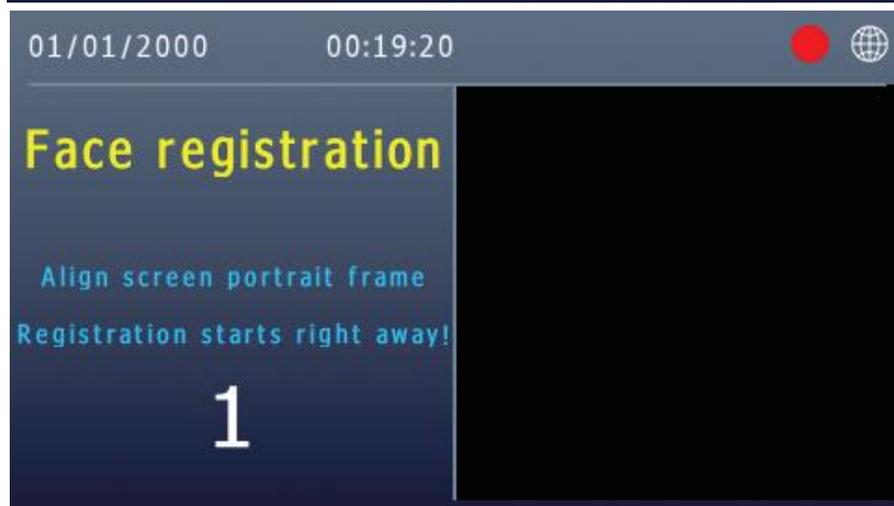
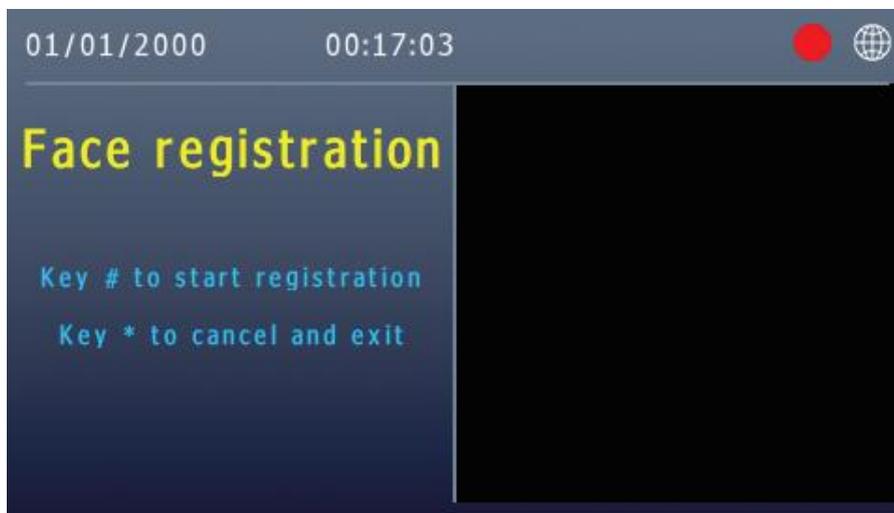


I. Face Register

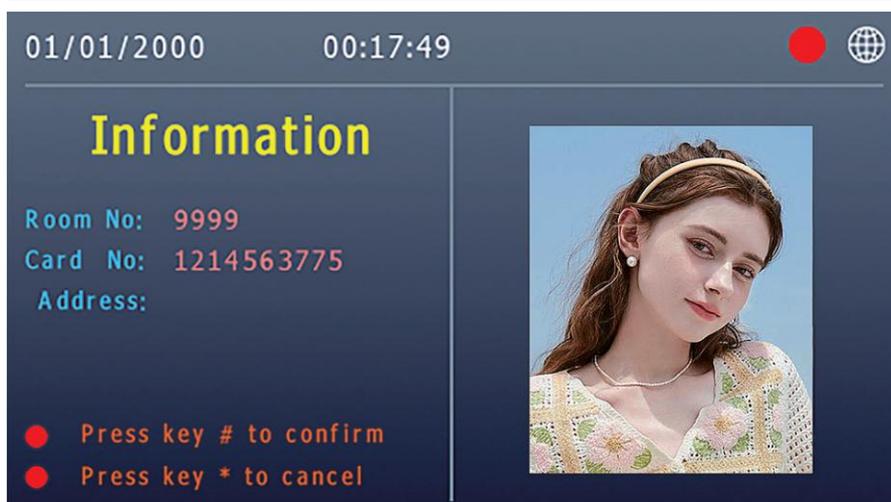
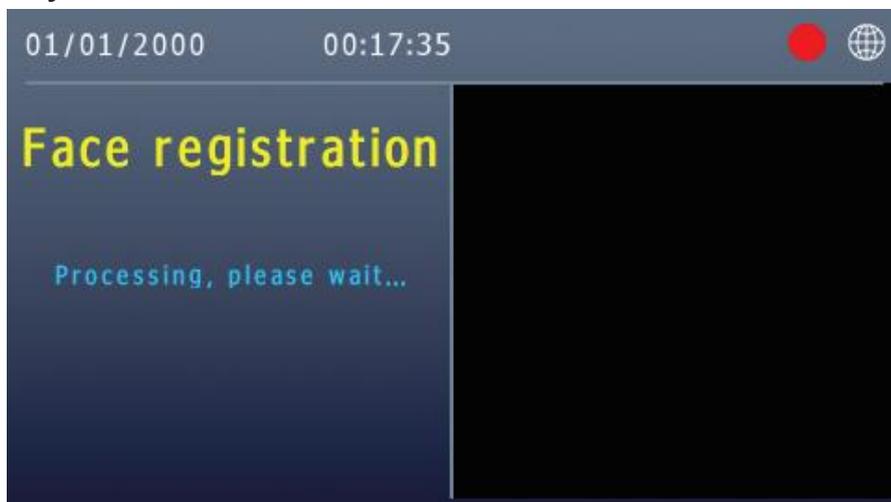
① Press “1” to start the registration process. Then swipe the added card and press “#” to confirm.



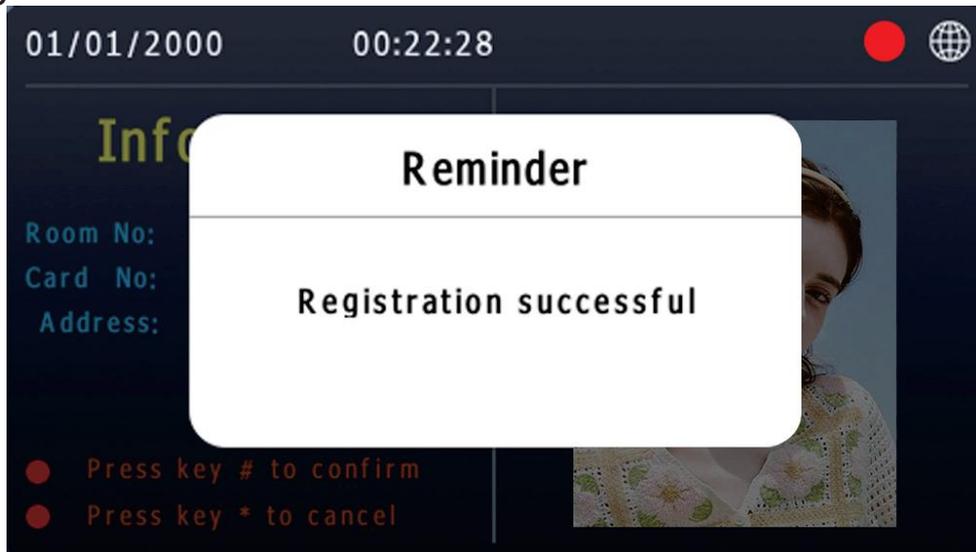
② Proceed to take a photo. Press “#” to start the photo capture (3 seconds for recognition).



③ Then the system will process the image and generate the necessary information.



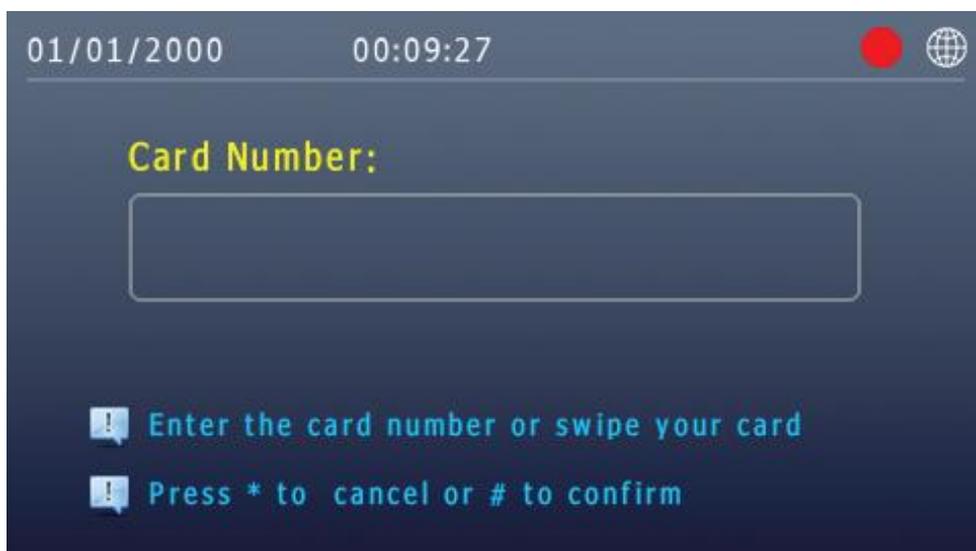
④ Finally, press “#” to confirm. Then check the homepage to test if the registration was successful.



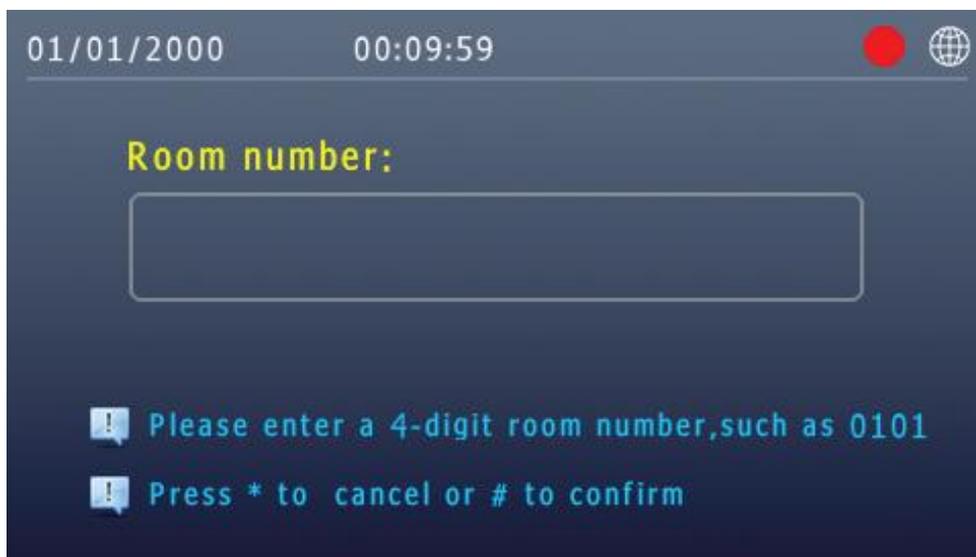
II. Face Deletion: Press “2” to choose the deletion method.



① Press “1” to delete by card number. Swipe the card to retrieve the card number or input it manually. Then press “#” to confirm, or press “*” to cancel.

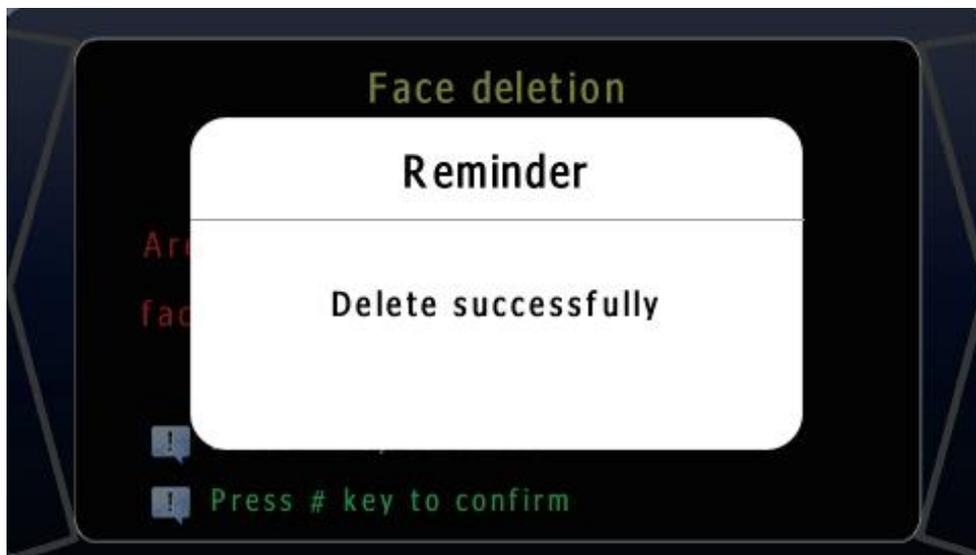


② Press “2” to delete by room number. Input the entire 4-digit room number and press “#” to confirm. Then proceed to the second confirmation; press “#” to confirm, and “*” to cancel.



③ Press “3” to delete all face data stored in the outdoor station. Then press “#” to confirm, or press “*” to cancel.





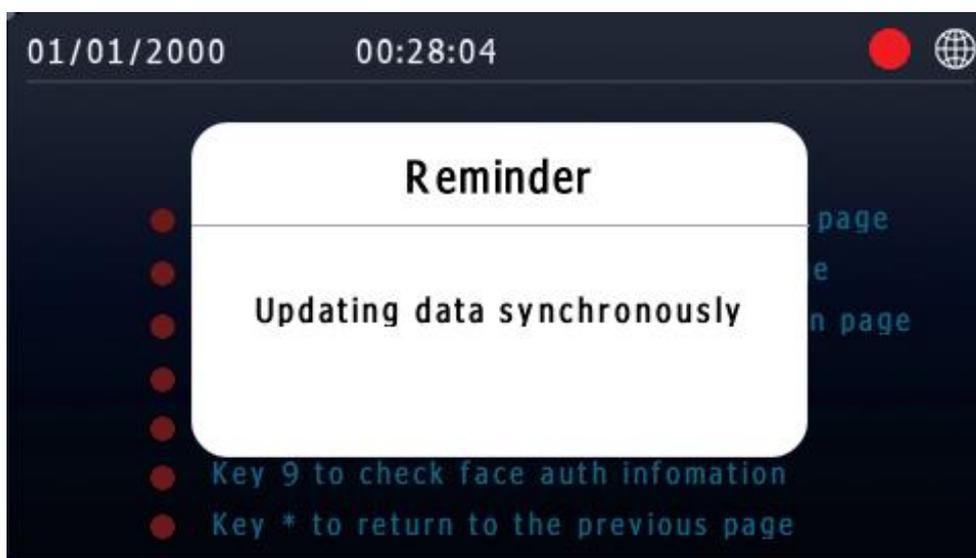
III.Face Authority

Press "3" to enter the authority page. The default authorization code is "666888." Changing the code will clear all face data stored in the outdoor station.



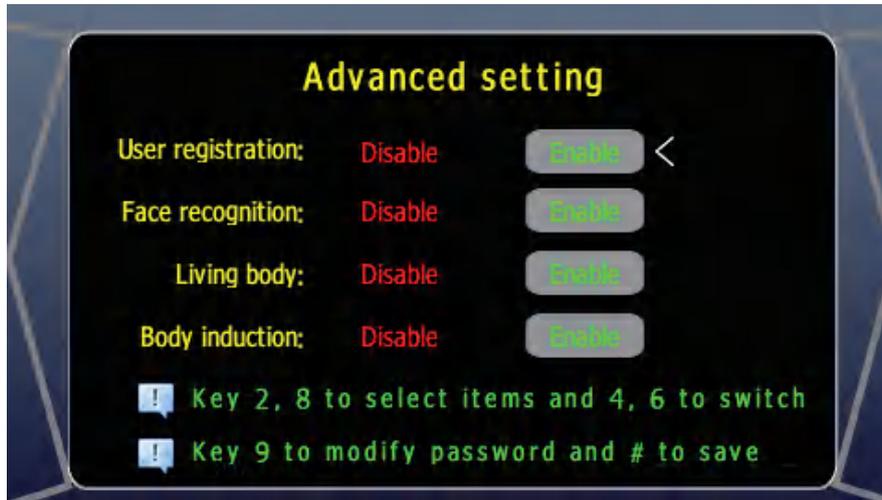
IV.Synchronize Face Data

Press "5" to synchronize face data with the PC management center.



V.Face Settings

Press “7” to enter advanced face settings. These include user registration, face recognition, liveness detection, and human body sensing. Once user registration is enabled, users can register their facial data without needing to access system settings. It is recommended to enable the other options as well.



VI.Authority Information

Press “9” to view authority information, which includes the engine version, authority code, and authority status.



(17)Advanced

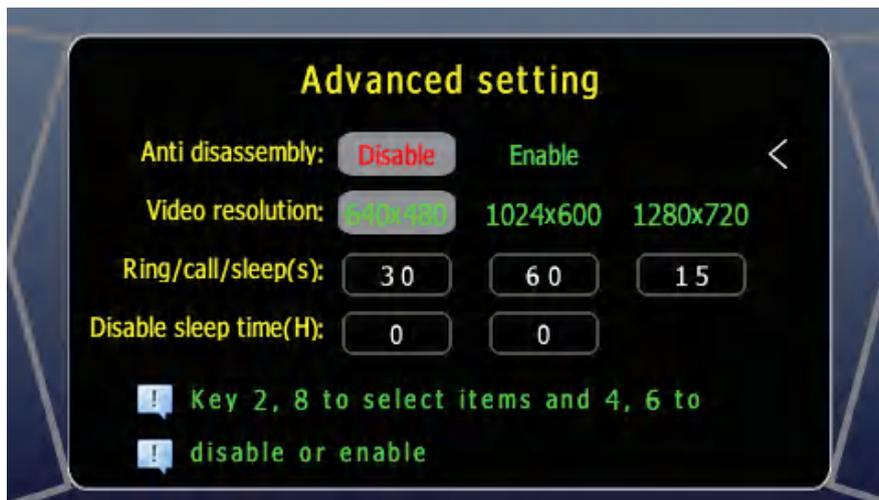
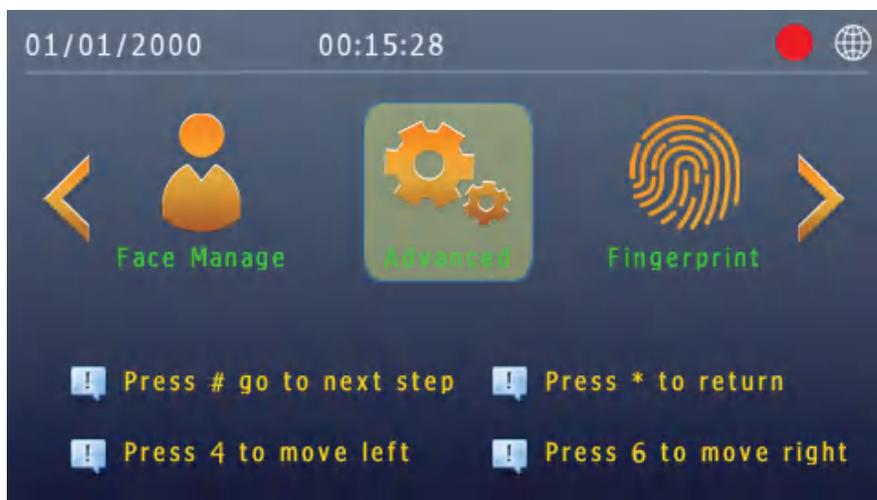
Settings for anti-disassembly detection, video resolution, ring/call/screensaver duration, and continuous screen-on period. Press “2” for previous settings, “8” for next, “4” for left option, and “6” for right option. During time adjustment, use “*” to delete a number or exit, and “#” to confirm and proceed to the next column.

I. Anti-disassembly detection is not supported yet.

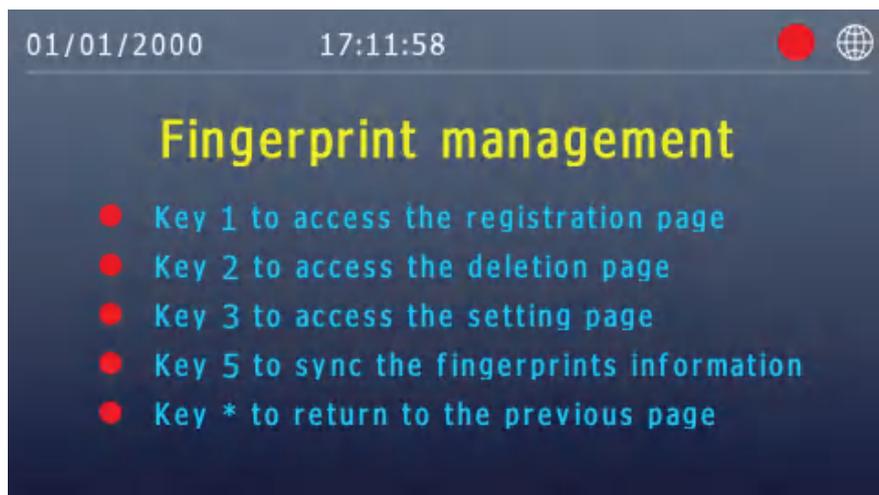
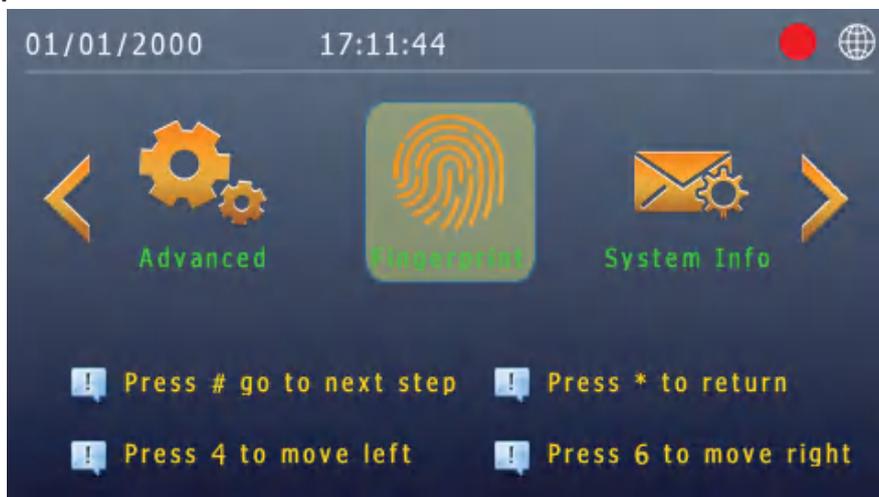
II. Video resolutions available: 640x480, 1024x600, and 1280x720.

III. Settings for ring time, call time (talk time), and sleep time (duration before the screen turns off).

IV. Disable sleep time: set a time period for the screen to remain on (0, 0 means no setting).



(18) Fingerprint
Not supported.



Specifications

Outdoor Station

- Resolution: 1080P 2MP, 2 Cameras
- Display: 4.3" TFT LCD
- Wide View Angle: 130°
- Connection Quantity: Up to 9999 Indoor Monitors
- Resolution: 480*272 Pixels
- Material: Aluminum Alloy Shell + Touch/Press Buttons
- Network Transmission Mode: TCP/IP Protocol
- Connection: CAT5 / CAT6 / 2 Wires
- Ethernet Interface: RJ45
- Power Supply: Non-standard POE Switch / Power Supply
- IC Card Capacity: Unlimited
- Face ID Capacity: ≤20000
- Operation Current: ≤1A
- Operation Voltage: DC 12-15V
- Operation Temperature: -40°C ~ +70°C
- Outline Dimensions: 360*140*50mm
- Installation Dimensions: 350*130*50mm
- Installation: Wall-mounted or Embedded

NO	Malfunction	Reasons	Solutions
1	Why can't the outdoor station call the indoor monitor?	<ol style="list-style-type: none"> 1. Network Connection Issues: The network cable is not properly connected or is of poor quality. 2. Insufficient Power Supply: The outdoor station may have unstable power or a faulty adapter. 3. Configuration Errors: Room number or extension number settings may be incorrect. 4. Device Malfunction: There could be physical damage to the outdoor station or indoor monitor. 	<ol style="list-style-type: none"> 1. Check the network connection to ensure the cable is securely connected and use high-quality CAT5 or CAT6 cables. 2. Confirm that the outdoor station has a stable power supply, using the appropriate voltage (DC 12-15V). 3. Verify that the room number and extension number settings are correct and unique. 4. Inspect the devices for physical damage and contact technical support if necessary.
2	Why can't the lock be opened?	<ol style="list-style-type: none"> 1. Power Supply Issues: The lock may not be receiving power. 2. Wiring Problems: Incorrect wiring or loose connections may prevent the lock from functioning. 3. Incorrect Password: The entered password may be wrong. 4. Mechanical Jam: The lock mechanism might be jammed or malfunctioning. 	<ol style="list-style-type: none"> 1. Ensure the lock is connected to a reliable power supply and check the power adapter. 2. Review the wiring connections according to the installation diagram to ensure they are correct. 3. Verify the password and try entering it again. 4. Inspect the lock for any physical obstructions or damage and lubricate if necessary. If the problem persists, consider replacing the lock.
3	Why can't the indoor monitor connect to the Tuya app?	<ol style="list-style-type: none"> 1. Poor Internet Connection: The Wi-Fi signal may be weak or unstable. 2. Incorrect Wi-Fi Settings: The monitor may not be connected to the correct Wi-Fi network. 3. App Compatibility: The Tuya app may not be updated or compatible with the monitor. 4. Incorrect QR Code Scan: The QR code might not have been scanned correctly during the setup. 	<ol style="list-style-type: none"> 1. Check the Wi-Fi connection and ensure it is stable. Try reconnecting the monitor to the network. 2. Verify that the monitor is connected to the correct Wi-Fi network and re-enter the password if needed. 3. Update the Tuya app to the latest version and ensure it is compatible with the monitor. 4. Re-scan the QR code in the app, making sure to follow the instructions carefully. If issues persist, restart both the monitor and the app.
4	Why can't I register my face?	<ol style="list-style-type: none"> 1. User registration is disabled. 2. The card is not registered. 3. The device has been reset. 	<ol style="list-style-type: none"> 1. To register on the user registration page, ensure this function is enabled in System Settings – Face Manage – Face Setting. 2. Verify that the card you are using is valid. 3. Ensure that the Face Manage function is authorized. The authority code is “666888.” Please note that authorization will clear all face data.