



ACTi R71CF-311, R71CF-312 Face Recognition Reader and Controller User Manual

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Specifications

- **Model:** R71CF-311, R71CF-312
- **Compliance:** CE, EMC Directive 2014/30/EU, RE Directive 2014/53/EU, RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, Battery Directive 2006/66/EC
- **Features:** Face recognition reader & controller

Product Usage Instructions

Safety Information

It is crucial to follow the safety instructions provided to prevent any danger or property loss.

The precautions are categorized into Dangers and Cautions:

- **Dangers:** Neglecting warnings may lead to serious injury or death. Follow all safeguards to prevent such incidents.
- **Cautions:** Ignoring cautions may result in injury or equipment damage. Adhere to precautions to prevent potential harm or material loss.

Installation

- **Proper installation** is essential for the functionality of the product.
- **Installation Environment:** Ensure the product is placed in a suitable environment as outlined in the manual to optimize performance.
- **Wall Mounting:** Follow the provided instructions for correct wall mounting procedures.
- **Base Mounting:** If applicable, use the recommended method for base mounting as described in the manual.

Initial Setup

- After installation, proceed with the initial setup.
- Refer to the setup section in the manual for step-by-step instructions on configuring the product for first-time use.

FAQ

Q: Can I dispose of the product as regular municipal waste?

A: No, this product should not be disposed of as unsorted municipal waste. Refer to the product documentation for proper disposal methods or return it to designated collection points for recycling.

Q: What should I do if I encounter any issues with the device?

A: In case of any problems, do not attempt to disassemble the device yourself. Contact authorized service centers for repair or maintenance to avoid any further complications.

Regulatory Information

FCC Information

Please pay attention that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 under 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 the receiver.
- Connect the equipment to 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

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

FCC Conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Now that the camera and the PC both have their unique IP addresses and are under the same network segment, it is possible to use the Web browser of the PC to access the camera.

EU Conformity Statement

- **This product and** – if applicable – the supplied accessories too are marked with “CE” and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU, the RoHS Directive 2011/65/EU.
- **2012/19/EU (WEEE directive):** Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see www.recyclethis.info.
- **2006/66/EC (battery directive):** This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or a designated collection point. For more information see: www.recyclethis.info

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Safety Information

- These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss.
- The precautionary measure is divided into Dangers and Cautions.
- **Dangers:** Neglecting any of the warnings may cause serious injury or death. Follow these safeguards to prevent serious injury or death.
- **Cautions:** Neglecting any of the cautions may cause injury or equipment damage. Follow these precautions to prevent potential injury or material damage.

Danger:

- All electronic operations should be strictly compliance with the electrical safety regulations, fire prevention regulations, and other related regulations in your local region.
- Please use the power adapter, which is provided by the normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install, or dismantle the device.
- When the product is installed on a wall or ceiling, the device shall be firmly fixed.
- If smoke, odors, or noise rises from the device, turn off the power at once unplug the power cable, and then please contact the service center.


- Risk of explosion if the battery is replaced by an incorrect type
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- This equipment is not suitable for use in locations where children are likely to be present.
- Do not dispose of the battery in a fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

Cautions:

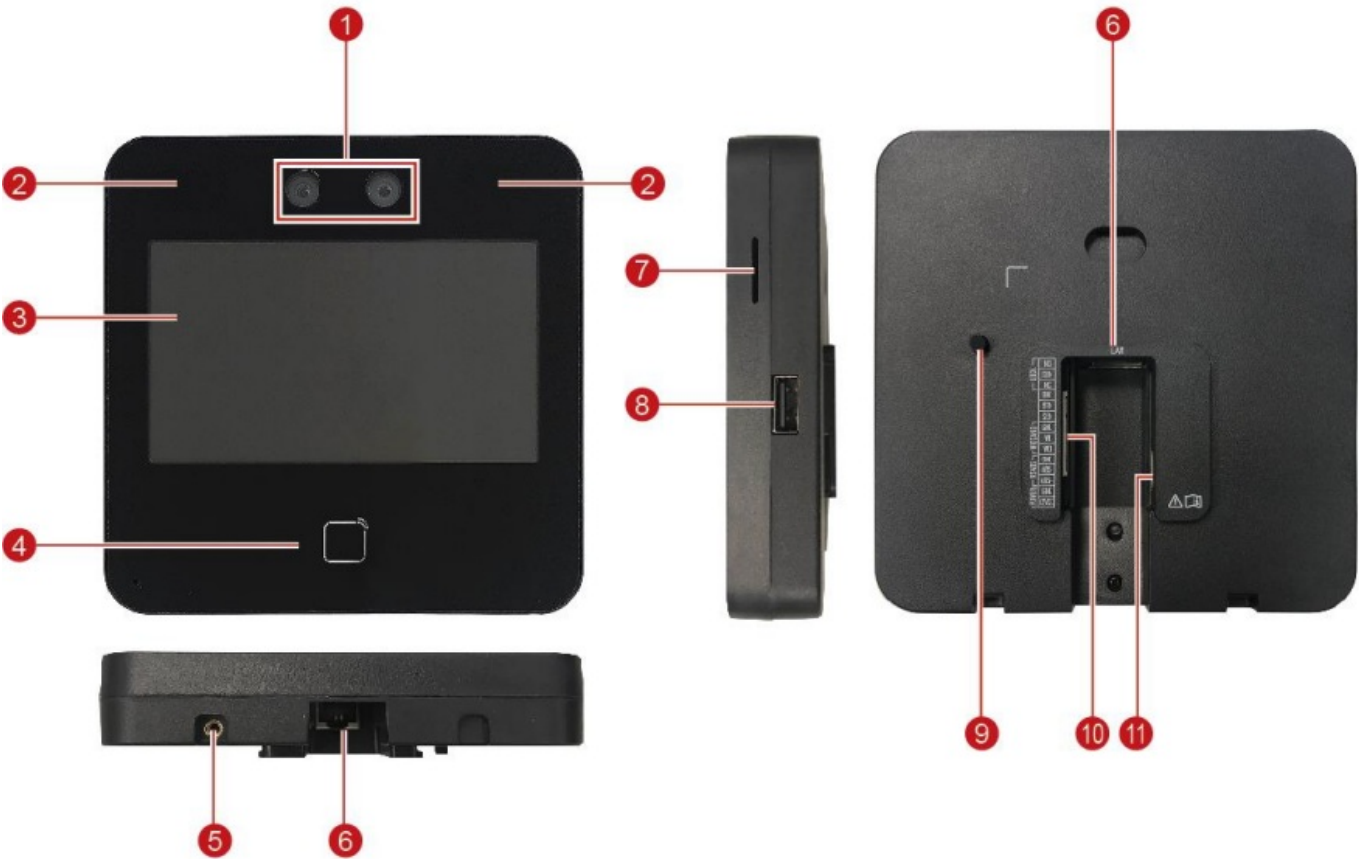
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty, or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sunlight, low ventilation, or a heat source such as a heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction, however), and affect the endurance of the sensor at the same time.
- Please use the provided glove when opening up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when cleaning the inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpacking them for future use. In case of any failure occurred you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage to the device and lead to additional costs.
- Improper use or replacement of the battery may result in the hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
- **Working temperature:** 0 °C to 50 °C; Working humidity: 10% to 90% (no condensing)
- Indoor use. The device should be at least 2 meters away from the light, and at least 3 meters away from the window.
- Outdoor use or use in an environment exceeding the device temperature measurement will affect the temperature measurement accuracy.

Introduction

Package Content

Reader & Controller	Wall Mount	Base Bracket	Power Adapter
			
Wire Cable	Screw Pack	Mounting Screws	QIG & Warranty Card
			

Physical Description



Item		Item	
1	Cameras	7	Speaker
2	IR Lights	8	USB Port
3	Touch Screen	9	Tamper Key
4	Card Sensor	10	Cable Connector
5	Lock Screw Hole	11	Debugging Port (for service only)
6	Ethernet Port		

Wiring

- The device comes with a wire cable that connects to power input, serial device, Wiegand device, and door lock, among others. The wires are color-coded and labeled for easy wiring.
- After wiring to external devices, connect the wafer terminal connector to the device.
- You can connect a card reader using an RS-485 connection. Connect the NC/NO and COM terminals to the door lock, connect the SEN and GND terminals to the door contact, and the BTN/GND terminal with the exit button, then connect the Wiegand terminal to the access controller.
- When you connect an access controller through Wiegand, the face recognition device can send authentication data to the access controller.
- The access controller will then decide whether to unlock the door based on this information.
- **NOTE:** The device comes with a power adapter to supply power to the device. Individual power supply is needed for external devices like card readers, exit buttons, door locks, etc.

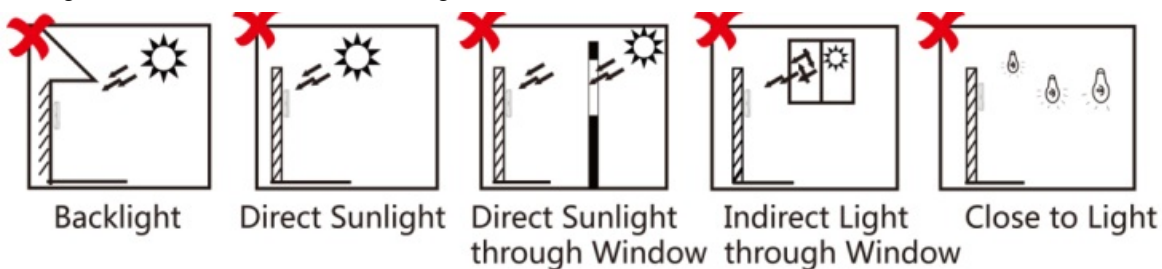
Wiring Terminal Description

Group	No.	Color	Label	Description
Power Input	A1	Red	+12 V	12 VDC Power Supply
	A2	Black	GND	Ground
RS-485	B1	Yellow	485+	RS-485 Wiring
	B2	Blue	485-	RS-485 Wiring
	B3	Black	GND	Ground
Wiegand	C1	Green	W0	Wiegand Wiring 0
	C2	White	W1	Wiegand Wiring 1
	C3	Black	GND	Ground
Door Lock	D1	White/Purple	NC	Lock Wiring (NC)
	D2	White/Yellow	COM	Common
	D3	White/Red	NO	Lock Wiring (NO)
	D4	Yellow/Green	SEN (Sensor)	Door Contact
	D5	Black	GND	Ground
	D6	Yellow/Gray	BTN (Button)	Exit Door Wiring

Installation

Installation Environment

- Recommended wall installation height of device = 1.43 m to 1.9 m
- Indoor installation only.
- Avoid backlight and direct and indirect sunlight.

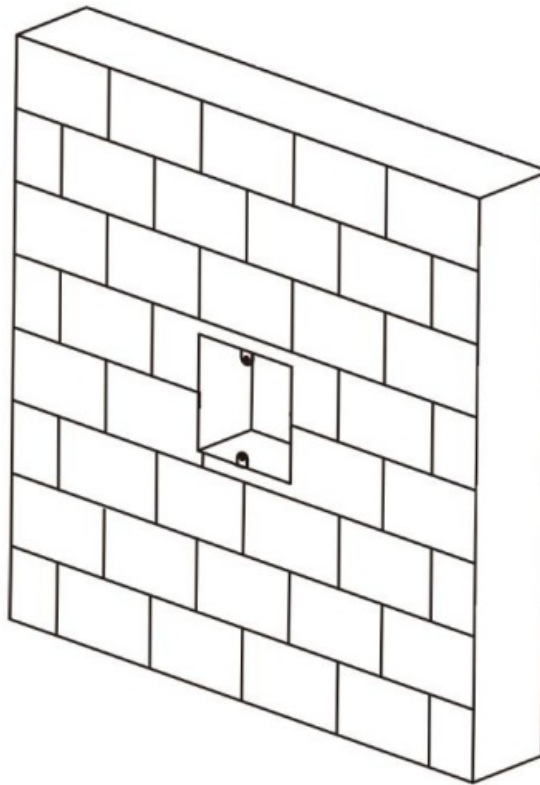


- For better recognition, there should be a light source in or near the installation environment.
- There should be no strong reflective objects (such as glass doors/walls, stainless steel objects, ceramic tiles, etc.) within 1 meter of the field of view of the device.
- Avoid device reflection.
- Keep the camera clean.
- Make sure the wall can bear three (3) times the weight of the device.
- For accurate face recognition, the recognition distance should be greater than 30 cm.

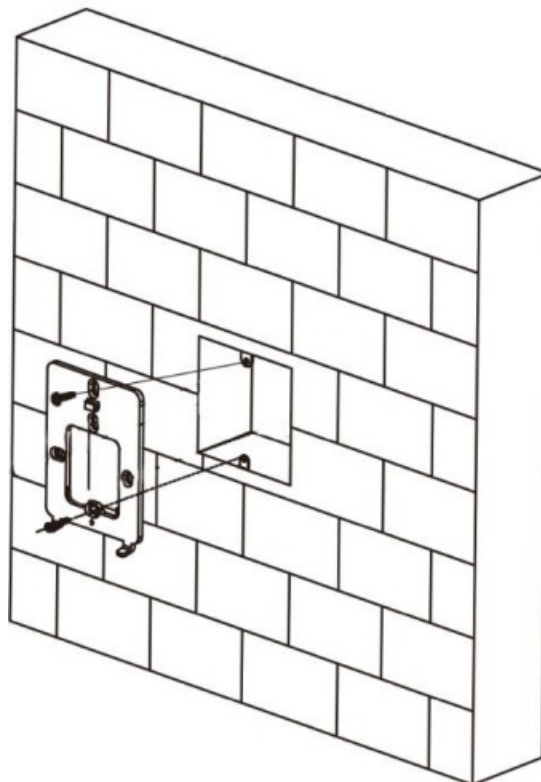
Wall Mounting

1. Mount a one-gang gang box inside the wall.

- **NOTE:** Gang box is not supplied; purchase separately.



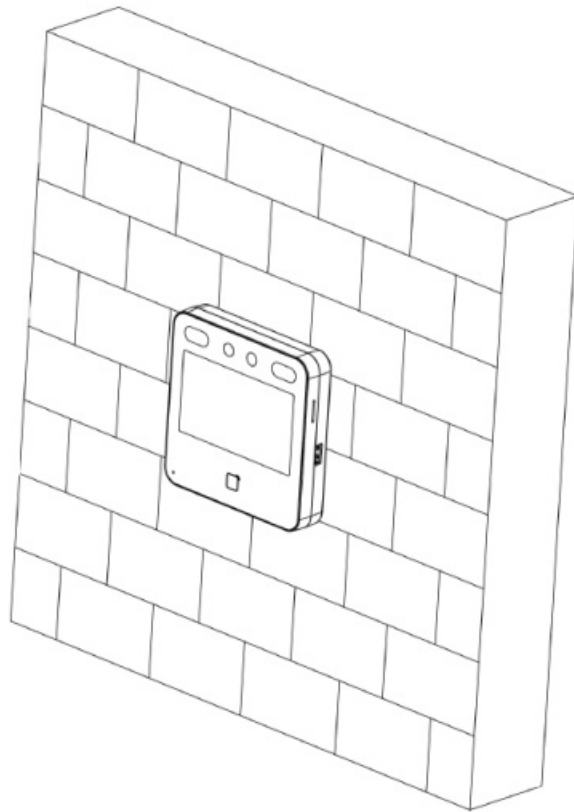
2. Mount the wall mounting plate on the gang box using the supplied screws.



3. Route the cable through the cable hole, wire the cables, and insert the cables in the gang box.

4. Connect the cables to the device.

5. Align the device with the mounting plate to hang it, then push it down to lock the device in place.



6. Then attach the bundled lock screw to the bottom hole to secure the device.

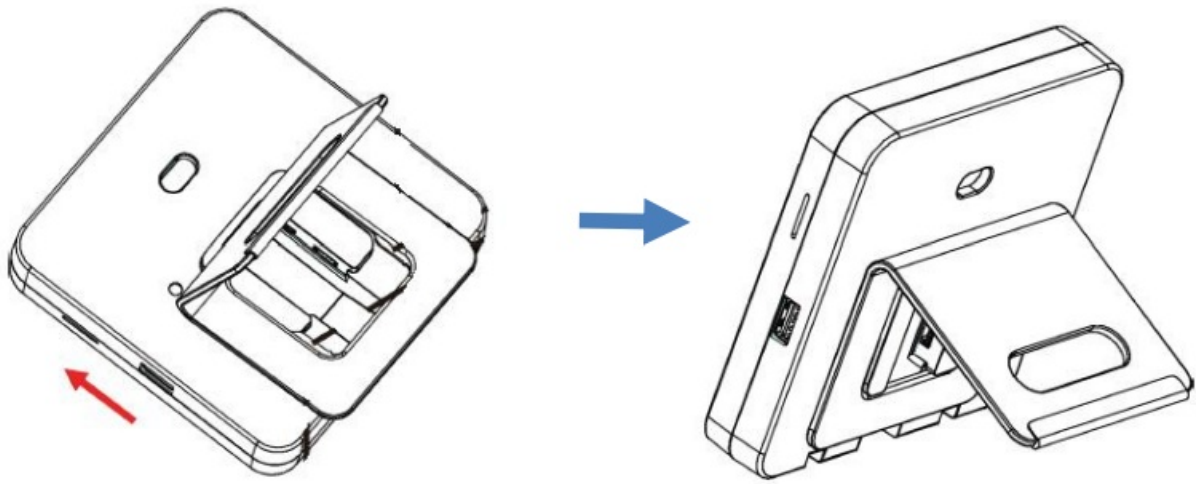
Base Mounting

The device also comes with a base bracket to easily place the device on top of a flat surface like a desk or a pedestal.

1. Align the base bracket on the back of the device.



2. Press the bracket with both hands on the bracket, then push up to lock the bracket to the device.



3. Route the cables through the bracket hole and connect them as needed.

Initial Setup

Before using the device, activate the device first. The easiest way to do this is to activate through the device itself.

Activate via Device

After powering on the device, the system will go to the Activate Device page.

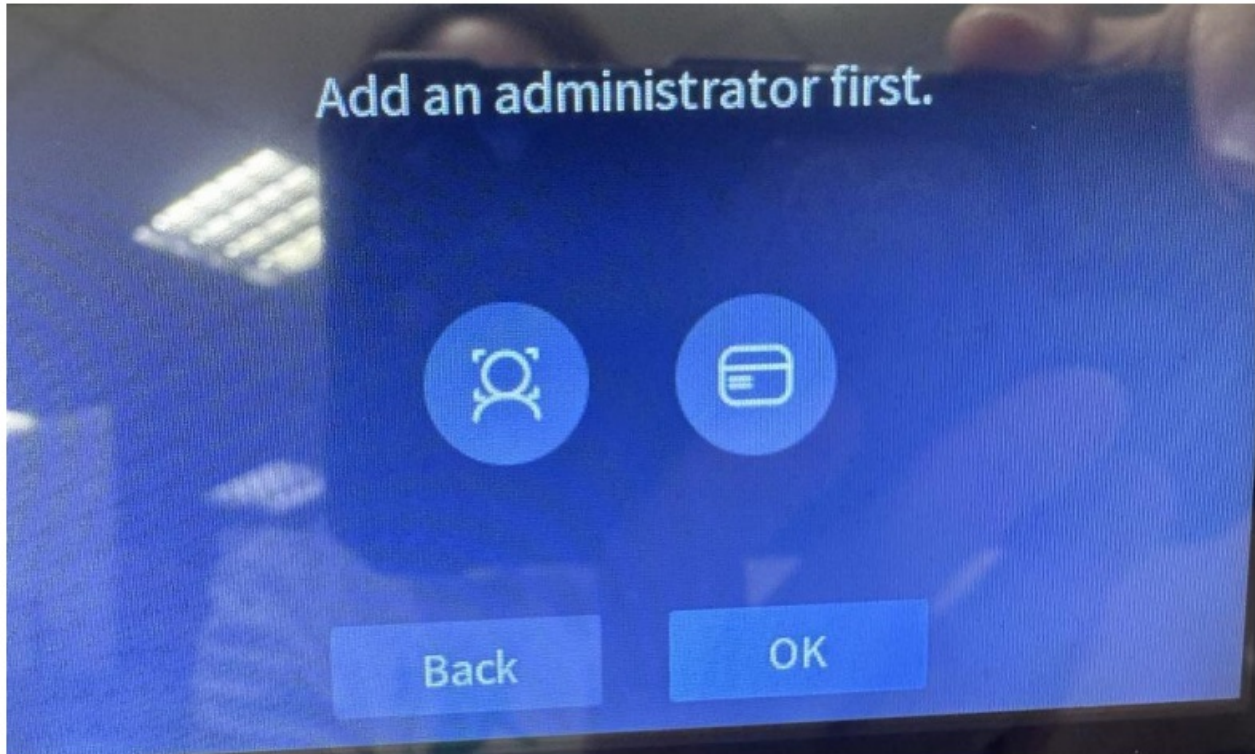
1. On the prompt, create the password. The password should be 8 to 16 characters with digits, upper and lower case letters, and symbols.
2. Type again to confirm it, then tap Activate or Next to activate the device.
3. After activation, the device will prompt for basic settings, and follow the on-screen prompt to proceed.
4. Select the language, then tap Next.
5. Type the email address to use with the device, then tap Next.
 - Set the network parameters. By default, DHCP is enabled. To continue using DHCP, tap Next. Otherwise, disable DHCP, and then fill in the network parameters manually. See Communication Settings on page 26 for more information.
6. When prompted for access to a third-party platform, retain it as disabled and tap Next to continue.

7. Select the privacy settings according to your actual needs, then click Next.

- **Upload Pic. When Auth.:** This function uploads the pictures captured when authentication to the platform automatically.
- **Save Pic. When Auth.:** This function saves the pictures when authenticating to the device.
- **Save Registered Pic.:** The registered face picture will be saved to the system.


8. You will be prompted to add an administrator. Enter the Employee ID and Name. Then tap Next.

9. The Add an administrator first page appears.



- Tap either of the following icons to configure the administrator's face or card for access:



- **Face icon:** Tap to capture the administrator's face. Face forward towards the camera. On the screen, place the face in the face recognition area. Tap  to capture the face and tap the check icon to confirm.

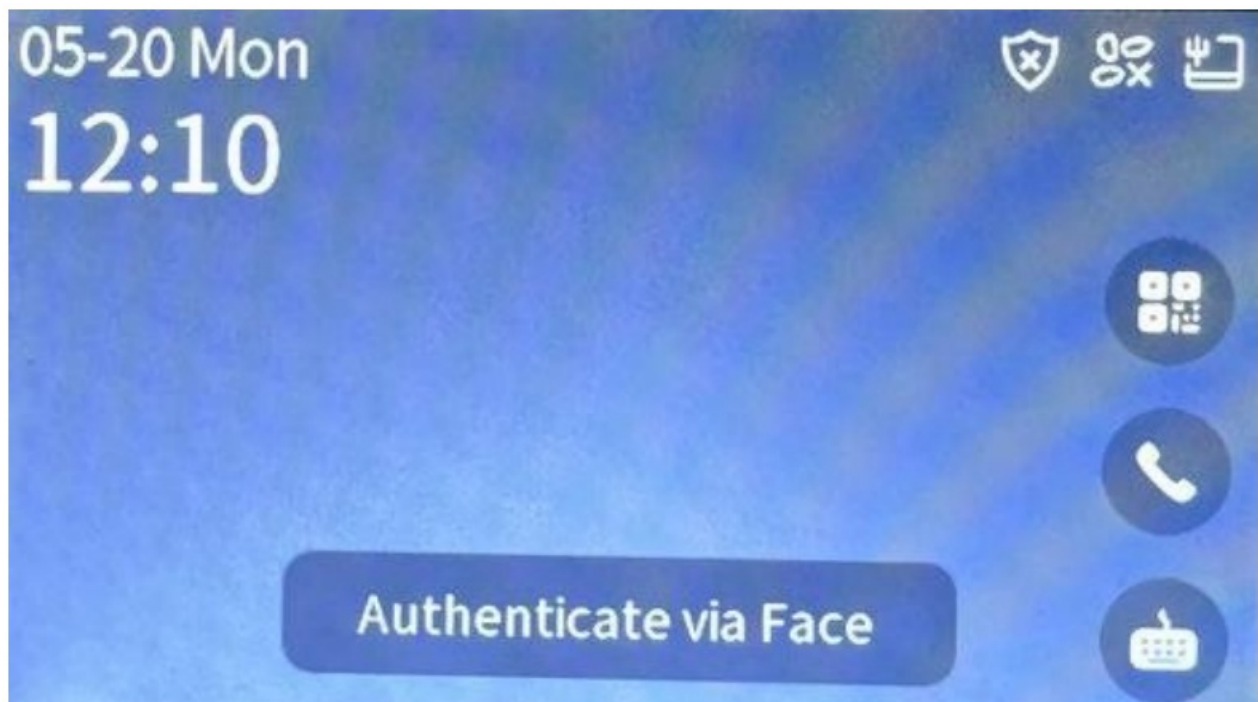


- **Card icon:** Tap to configure the card access of the administrator. Type the card number or swipe a card to configure it. Then, tap OK.

10. You can configure the face recognition card access or both. Once either face or card has been configured, the system will go back to Add an Administrator's first page. Repeat step 9 to add another access type or when all access has been configured, tap OK to complete setup.

Main Screen

- The Main Screen shows the date and time and status icons on the upper part of the screen. On the right panel are shortcut icons.
- These functions need integration and are not readily available. If needed, contact your system integrator for details.



Login

Administrators can log in to the device for device configuration and manage users for access control.

1. Long tap the screen for 3 seconds and slide your finger left / right.
2. Authenticate the administrator's face or swipe the card to enter the Main Menu page.



3. Once logged in, the Main Menu page appears.

Menu Settings

Menu Page

After login, the Menu page appears. Below is the summary of the Menu.




NOTE: This photo is for reference only, icons and the menu position may slightly vary. Follow the actual menu on the device.

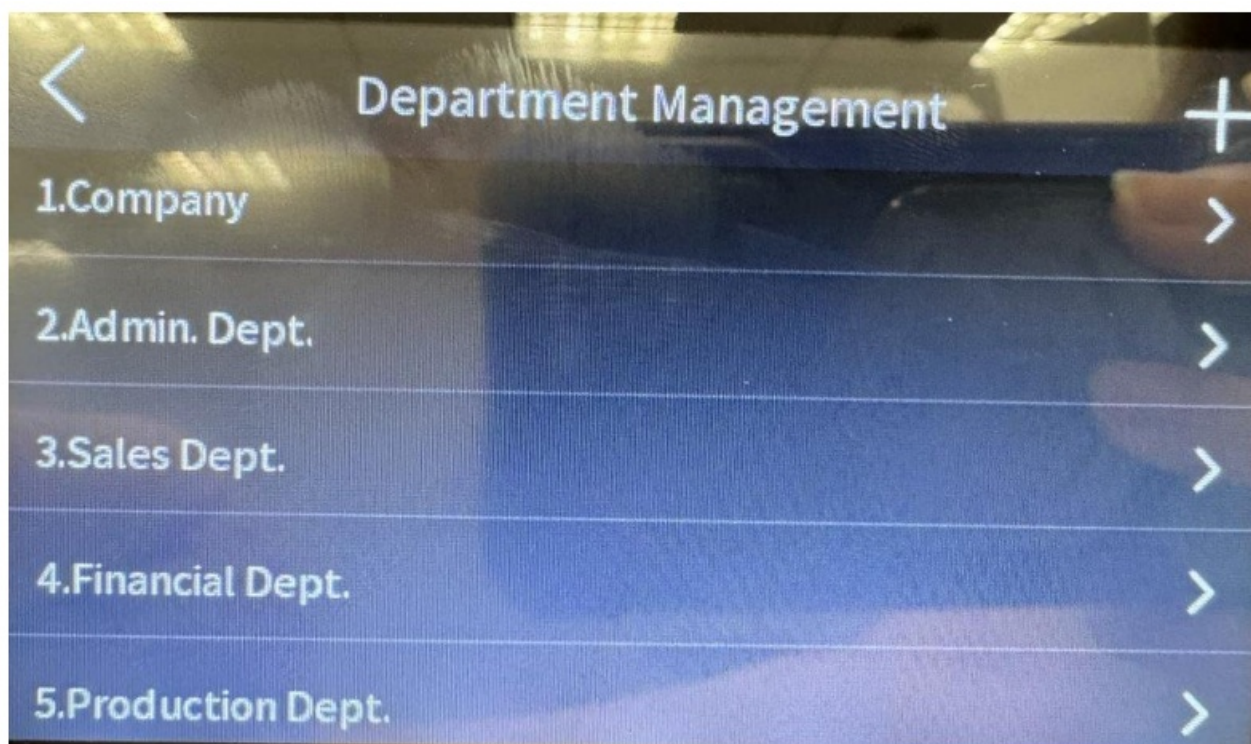
Menu Tree

Menu	Description
Department Management	The Department Management menu allows you to add, edit, delete company departments to manage people.
User	The User Management menu allows you to add, edit, delete, and search users, as well as set the authentication mode, permission level, and modify credentials.
Authentication Settings	The Authentication Settings menu allows you to configure the authentication mode and card encryption to use, door access, etc.
Local T & A	The T & A (Time & Attendance) Status menu allows you to set the attendance mode according to your actual situation.
Attendance Report	Shows the attendance reports like total attendance, attendance record, summary, abnormal attendance, etc. A USB flash drive with the data must be connected to the device to display these reports on the device.

Platform Attendance	The Platform Attendance allows you to enable or disable attendance management through the device. Set attendance to manual or auto.
System Settings	The System Settings menu allows you to configure communications, basic, biometrics, preferences, and password settings.
Data	The Data Management menu allows you to import, export, and delete user data.
Maintenance	The System Maintenance menu allows you to view the system information, device capacity, upgrade and restore the device to factory settings. NOTE: It is not recommended to restore to default factory settings. Instead, contact your sales agents or the customer help desk for assistance.

Department Management

This menu has preset departments where employees can be assigned. Tap a submenu to access its contents and modify them as needed. To create a new department, tap .

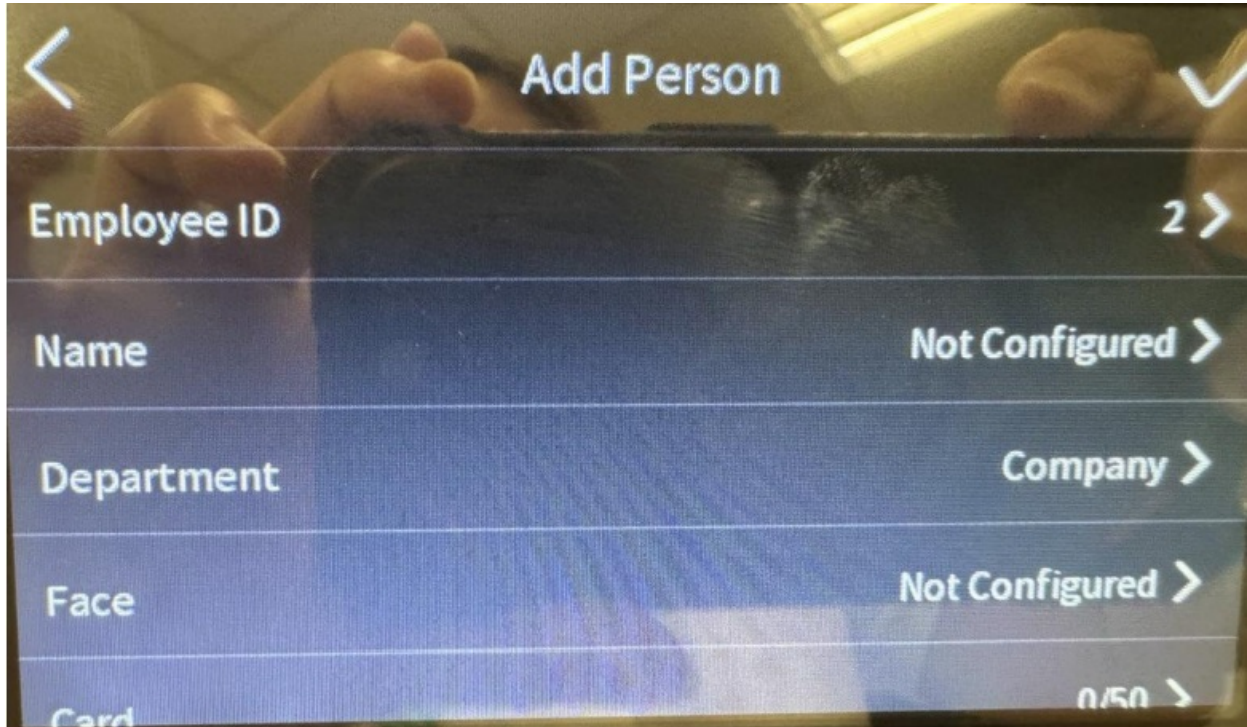


User

The User menu is used for user management; to add, edit, delete, and search for users or employees.

Manage User Add User

1. On the main menu page, tap User, then tap



2. Tap the menu items to edit.

- **Employee ID:** The employee ID should be less than 32 characters. It can be a combination of lowercase and uppercase letters, and numbers. This should be unique per employee; and should not be duplicated.
- **Name:** Up to 32 characters are allowed for the Name. Numbers, upper case and lower case letters, and special characters are also allowed.
- **Department:** Select the department where the employee belongs.
- **Face:** Tap to capture the face picture. See Add Face Picture.
- **Card:** Tap to register a card under this user. See Add Card.
- **Authentication Settings:** Select "Device Mode" to set the device as access control. Or, "Custom" to combine different authentication modes according to your actual need.
- **Person Type:** Select "Administrator" to set the employee as an administrator or "Basic Person" as a general user.

3. Tap



to completely adds a user.

Edit User


1. On the main menu page, tap User.
2. Tap a username on the screen to enter the Personal Details page.
3. Tap an item to edit its content.

4. Tap




to complete.

Delete User


1. On the main menu page, tap User.
2. Tap a username on the screen to enter the Personal Details page.
3. Tap  to delete the user.
4. Tap OK to confirm.

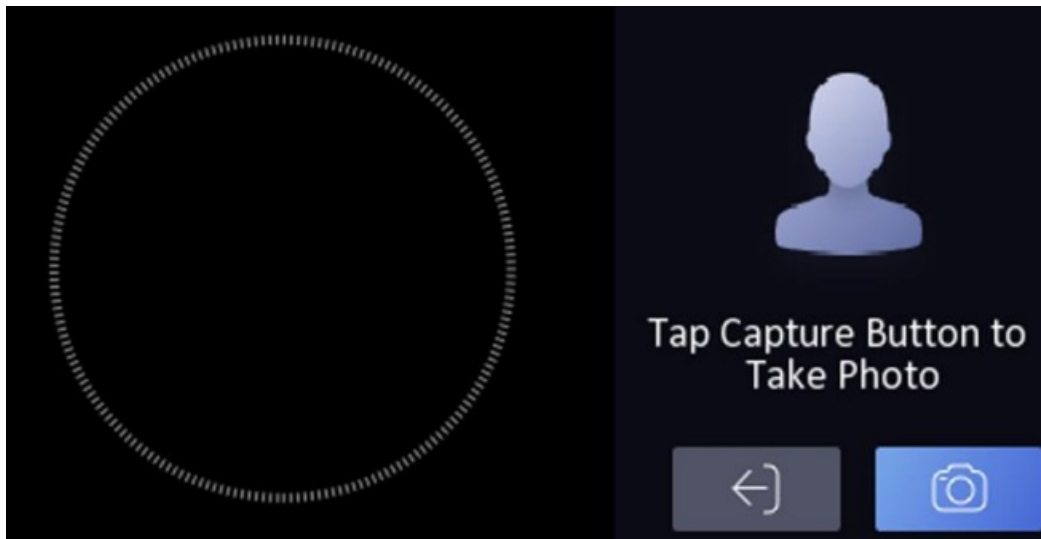
Search User

1. On the main menu page, tap User.
2. Type the name of the user on the search bar, then click .

Add Face Picture

Add a user's face picture directly by capturing the face through the device. The face will then be used for authentication.


1. On the main menu page, tap User, then tap  to enter the Add Person page, or tap an existing employee record.
2. Fill in or edit the employee ID and credentials as needed. See Add User for details.
3. Tap Face, then position your face towards the circular recognition area.





- **NOTE:** Make sure the captured face is of good quality and is accurate. For details about taking the face picture, see Tips in Picture Taking on page 30.
4. Click to capture the photo.
 5. Tap Save to save the face picture. Or, tap Try Again to redo the picture.

Add Card


Add a card for the user to use for authentication.

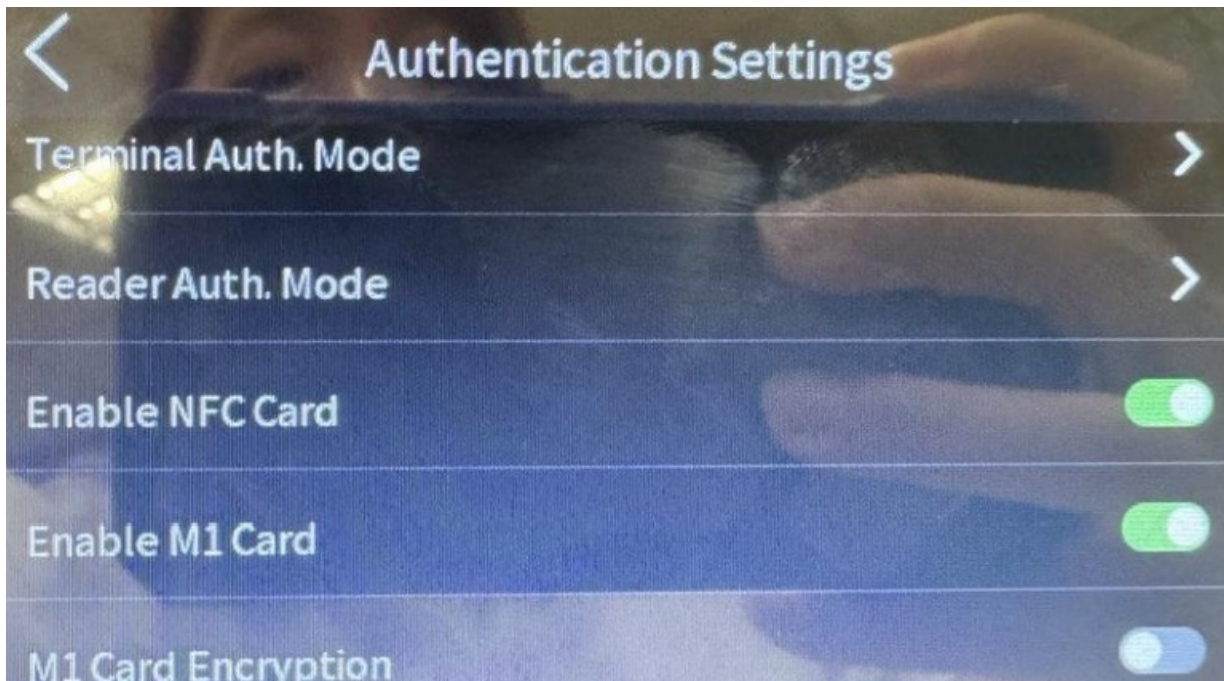
1. On the main menu page, tap User, then tap  to enter Add Person page or tap an existing employee record.

2. Fill in or edit the employee ID and credentials as needed. See Add User for details.
3. Tap Card, and then tap .
4. **Configure the card number:** you can enter the card number manually or hover the card towards the device to get the card number.
 - **NOTE:** The card number cannot be empty and it cannot be duplicated.
5. Configure the card type.
6. Tap  to save the settings.

Authentication Settings

After adding a user's face picture or card credentials, go to Authentication Settings to set the authentication mode and access control parameters.

1. On the main menu page, tap  to access the Authentication Settings page.




2. Tap an item then configure its contents

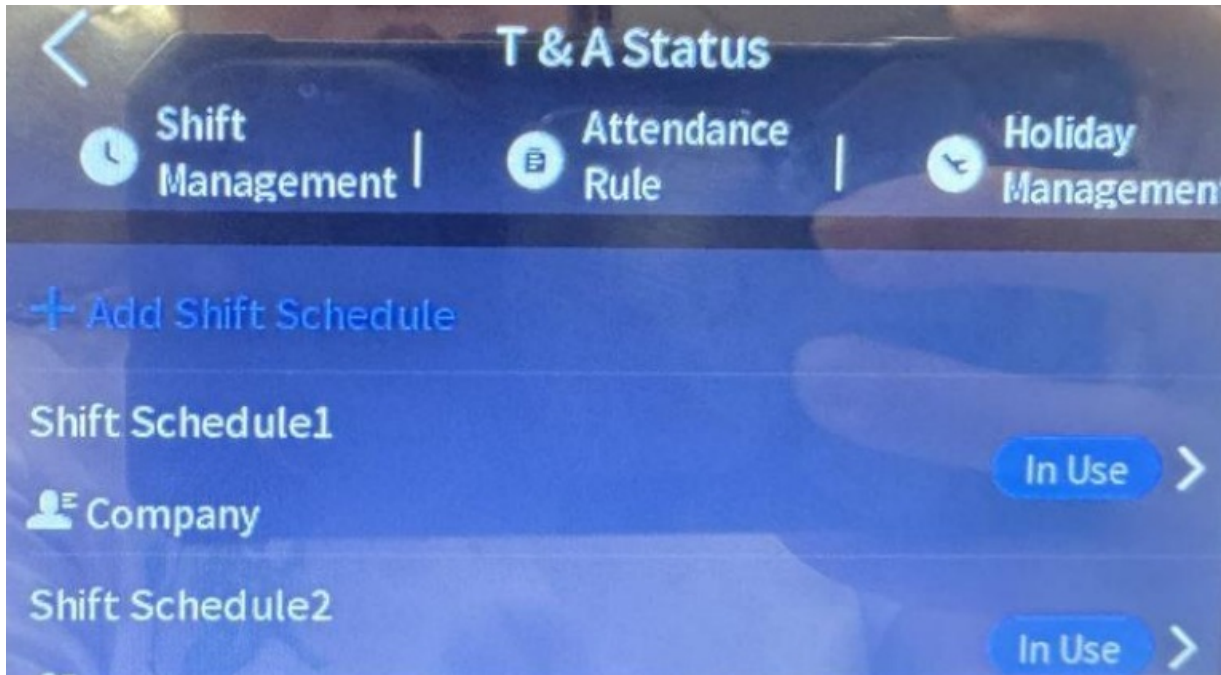
- **Terminal Authentication Mode:** Select "Single Credential" if only one is required for authentication like either Face or Card. Select "Multiple Credential" if both face and card are required for authentication.
- **Reader Authentication Mode:** Select the card reader authentication mode.
- **Enable NFC Card:** Enable to use NFC card for authentication.
- **Enable M1 Card:** Enable to use M1 card for authentication.
- **Door Contact:** Select "Open (Remain Open)" or "Close (Remain Closed)" according to your actual needs. By default, it is Close (Remain Closed)".
- **Open Duration:** Set the door unlocking duration. If the door is not opened for the set time, the door will be locked. Available door locked time range: 1 to 255 seconds.
- **Authentication Interval:** Set the device authentication interval. Available interval range: 0 to 65535 seconds.

3. Tap a menu item and then edit the items

Local T & A


You can configure and manage shift schedules, attendance rules, and holiday management on this menu. Preset schedules are available, modify and create new ones as needed according to your actual situation.

1. On the main menu page, tap  to access the Local Time & Attendance page.
2. Enable Local T & A, then tap T & A.
3. Tap the items to modify and create new ones:



- **Shift management:** Create or modify work shift schedules.
- **Attendance Rule:** Set buffer time in minutes for late check-in or early check-out.
- **Holiday Management:** Create a holiday schedule.
- **Add Shift Schedule:** If the present schedules are not enough, you may add a new shift schedule according to your situation.

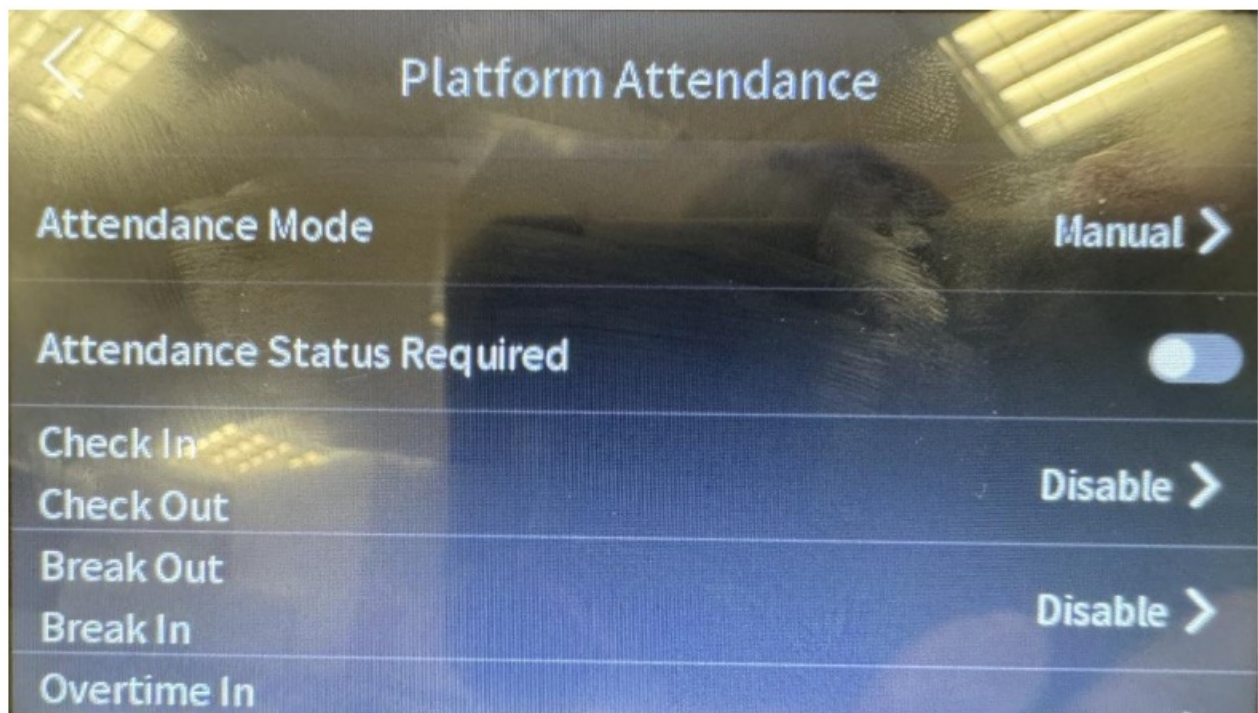
Attendance Report

- Allows you to view the attendance report on the device. Requires an external USB flash drive.
- On the main menu page, tap  to access the Attendance Report page.

Platform Attendance

- The Platform Attendance menu allows you to set the attendance mode as check-in, check-out, break in, break-out, overtime-in, and overtime-out according to your actual situation.
- **NOTE:** Local Time & Attendance will be disabled when using Platform Attendance.

1. On the main menu page, tap  to access the Platform Attendance page.



2. Tap **Attendance Mode** and select:

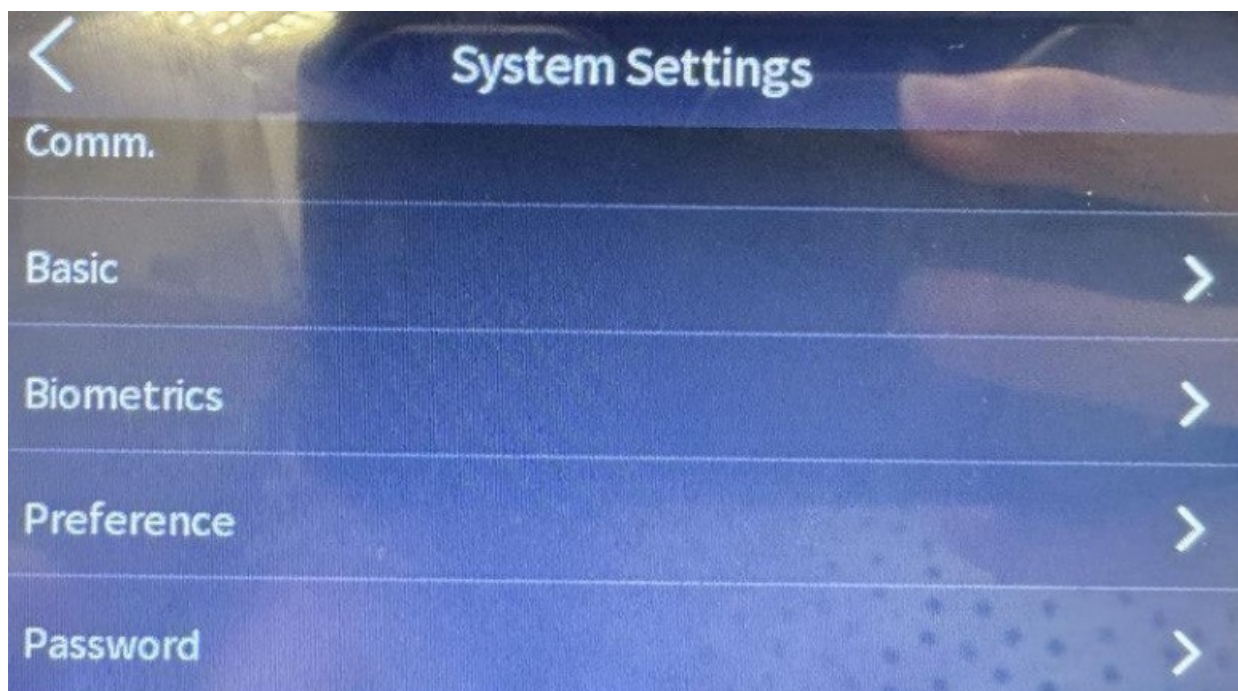
- **Manual:** To manually set the attendance status.
- **Auto:** The system will automatically change the attendance status according to the configured schedule.
- **Manual and Auto:** The system will automatically change the attendance status according to the configured schedule and at the same time, you can manually change the status after the authentication.

3. Enable and disable the Check in/out, Break in/out, Overtime in/out, as needed.

System Settings

The System Settings menu allows you to configure system settings.

1. On the main menu page, tap  to access the System Settings page.



2. Tap a submenu item to modify its settings.

Submenu	Description
Communication	Allows you to configure the network, RS-485, Wiegand, etc. See <i>Communication Settings</i> on.
Basic	Allows you to configure sound, time, sleep, language, privacy, video standards, etc.
Biometrics	You can customize face parameters to improve the face recognition performance. See <i>Biometric Parameters</i>
Preference	Allows you to select the screen theme and enable or disable shortcut keys.
Password	Allows you to modify the device password set during initial setup.

Communication Settings

You can set the wired network, the Wi-Fi parameter, the RS-485 parameters, the Wiegand parameters, and ISUP on the communication settings page.

Set Wired Network

1. On the System Settings page, tap Comm. > Wired Network.
2. Enable DHCP for the system to automatically assign IP address, subnet mask, and gateway. Disabled DHCP to manually set the IP address, subnet mask, and gateway.
 - **NOTE:** The device must be in the same network segment with the computer.
3. Set the DNS parameters. You can enable Auto Obtain DNS, set the preferred DNS server and the alternate DNS server.

Set RS-485 Parameters

The device can connect to external access controller, secure door control unit or card reader via RS-485 connection.

1. On System Settings page, tap Comm. > RS-485.
2. Enable RS-485.
3. Tap Peripherals, then according to your actual needs, select the type of external device to connect: Access Controller, Control Unit, or Card Reader.
 - **NOTE:** If Access Controller is selected:
 - If the device is connected to a terminal, set the RS-485 address as 2
 - If the device is connected to a controller, set the RS-485 address according to the door number.

Set Wiegand Parameters

1. On the System Settings page, tap Comm. > Wiegand.
2. Enable Wiegand.
3. Select a transmission direction: "Output", the device can connect to an external access controller.
4. Select how the two devices will transmit the card no.: via Wiegand 26 or Wiegand 34.

Biometric Parameters


You can customize the face parameters to improve face recognition performance.

1. On the System Settings page, tap Biometrics.
2. Tap a submenu item to modify its settings.


Submenu	Description
Face Liveliness Level	Set the matching security level when performing live face authentication.
Recognition Distance	Set the valid distance between the user and the camera when authenticating.
Face Recognition Interval (sec)	The interval time between two continuous face recognitions when authenticating. Allowable range from 1 to 10 seconds.
Face 1:N Security Level	Set the matching threshold when authenticating via 1:N matching mode. The larger the value, the smaller the false accept rate and the larger the false rejection rate.
Face 1:1 Security Level	Set the matching threshold when authenticating via 1:1 matching mode. The larger the value, the smaller the false accept rate, and the larger the false rejection rate.
Eco Mode Settings	<p>After enabling the ECO mode, the device will use the IR camera to authenticate faces in the low light or dark environment. And you can set the ECO mode threshold, ECO mode (1:N), ECO mode (1:1), Face with mask & face (1:1 ECO) and Face with mask & face (1:N ECO).</p> <p>ECO Threshold: When enabling the ECO mode, you can set the ECO mode's threshold. The larger the value, the easier the device entering the ECO mode.</p> <p>ECO Mode (1:1): Set the matching threshold when authenticating via ECO mode 1:1 matching mode. The larger the value, the smaller the false accept rate and the larger the false rejection rate.</p> <p>ECO Mode (1:N): Set the matching threshold when authenticating via ECO mode 1:N matching mode. The larger the value, the smaller the false accept rate and the larger the false rejection rate.</p> <p>Face with Mask & Face (1:1 ECO): Set the matching value when authenticating with face mask via ECO mode 1:1 matching mode. The larger the value, the smaller the false accept rate and the larger the false rejection rate.</p> <p>Face with Mask & Face (1:N ECO): Set the matching value when authenticating with face mask via ECO mode 1:N matching mode. The larger the value, the smaller the false accept rate and the larger the false rejection rate.</p>

<p>Mask Settings</p>	<p>When enabled, the system will recognize the captured face with a mask picture. You can set face with mask & face 1:N level and the strategy.</p> <p>Strategy: Set the None, Reminder of Wearing, and Must Wear strategy.</p> <ul style="list-style-type: none"> · Reminder of Wearing: If the person does not wear a face mask when authenticating, the device displays a notification, and the door will open. · Must Wear: If the person does not wear a face mask when authenticating, the device displays a notification, and the door remains closed. · None: If the person does not wear a face mask when authenticating, the device will not prompt a notification. <p>Face with Mask & Face (1:1): Set the matching value when authenticating with a face mask via 1:1 matching mode. The larger the value, the smaller the false acceptance rate and the larger the false rejection rate.</p> <p>Face with Mask & Face (1:N): Set the matching value when authenticating with a face mask via 1:N matching mode. The larger the value, the smaller the false acceptance rate, and the larger the false rejection rate.</p>
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Data










- The Data menu allows you to import, export, and delete user data on the device. For importing and exporting data, an external USB flash drive is required.
- On the main menu page, tap  to access the Data page.

Maintenance

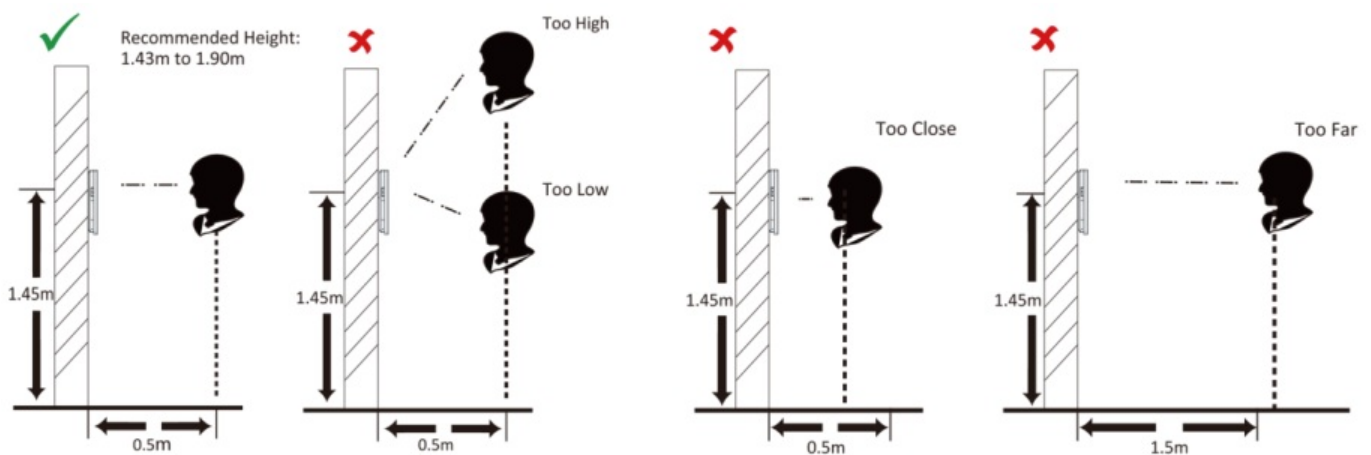
- The Maintenance menu allows you to view the system information, and device capacity, reset or restore factory default settings, and reboot the device.
- On the main menu page, tap  to access the Maintenance page.

Tips in Picture Taking

- Take note of the correct expression, posture, and size of the face when taking the face photo to ensure recognition accuracy.

Expression	 <ul style="list-style-type: none"> • Keep expression natural. • Do not wear hat, sunglasses and other accessories. • Do not allow hair to cover your eyes, ears, etc. • Do not use heavy makeup.
Posture	<p>Face should be facing the camera.</p> <div> <div>Correct ✓ </div> <div>Tilt ✗ </div> <div>Side ✗ </div> <div>Raise ✗ </div> <div>Bow ✗ </div> </div>
Size	<div> <div>Correct ✓ </div> <div>Too Close ✗ </div> <div>Too Far ✗ </div> </div>

Positions When Taking or Authenticating Face



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Documents / Resources



[ACTi R71CF-311, R71CF-312 Face Recognition Reader and Controller](#) [pdf] User Manual
R71CF-311, R71CF-312, R71CF-311 R71CF-312 Face Recognition Reader and Controller, R71CF-311 R71CF-312, Face Recognition Reader and Controller, Recognition Reader and Controller, Reader and Controller, Controller

References

- [ACTi Corporation](#)
- [HOME](#)
- [User Manual](#)

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