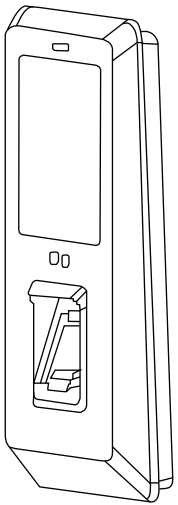
sFace-B

User Manual



Note: The picture is for reference only, please refer to the actual product

Dear users, thank you for choosing our products. We will serve you with high-quality products to ensure that you use this product more smoothly. Please read this manual carefully before using it!

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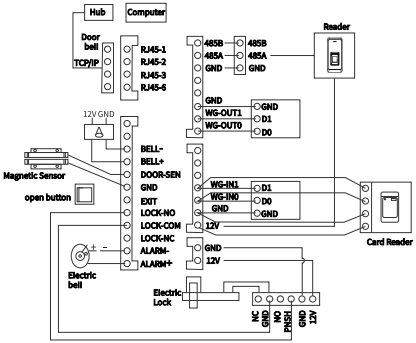
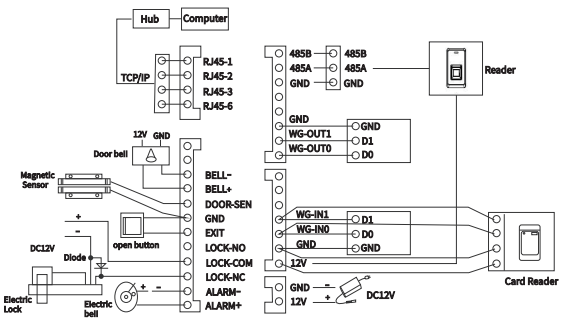
1.Instructions for Use

1.1Access Control Wiring Diagram

1)The device and the lock are on the same power supply diagram



2） The device and the lock are on different power supply diagram

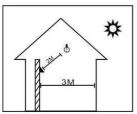


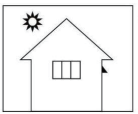
(Note: Need to connect a diode in parallel at both ends of the electric lock to prevent the back electromotive force released by the electromagnet from burning out the access control system.)

2.Install the Device

2.1 Device Installation Environment

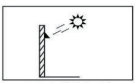
1)Recommended Install Environment



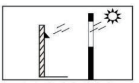


Install the device indoors or outdoors, the ambient light source installation environment lighting 0-8000LUX. When installing the device indoor, it should be 3 meters away from the window and door, and 2 meters away from the source of light. Avoid direct sunlight when installing outdoors.

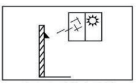
2)Several installation positions affecting the use effect



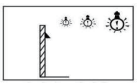
1. (outdoors)



2. (indoors)



3. (indoors)



4. (indoors)

1.Direct Sunlight
2. The sun shines straight through the window
3.The sun slanted through the
4.Light irradiation at close range

2.2 Device Installation Steps

1)It is recommended that the height from the baseline to the ground is 1.25m (suitable for height range 1.5m -1.8m), it can be adjusted according to the overall height of the user. After the installation height is determined, the installation positioning template will be affixed to the installation location. Drilling cable entry and fixing holes according to the positioning template (picture 1)
2)Remove the bottom of the fuselage screws with screwdriver (picture 2)
3)Separate the device from the bottom cover (picture 3)
4)Fix the seal ring and the bottom of the bottom cover and fixed it on the wall (picture 4)
5)Align the device with the mounting tabs of the bottom cover and pull it down into the mounting position (picture 5)
6)Screw the device and bottom cover firmly (picture 6)

Picture1

Picture 2

Picture 3

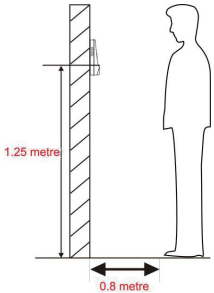
Picture 4

Picture 5

Picture 6

2.3 Distance between people and Device

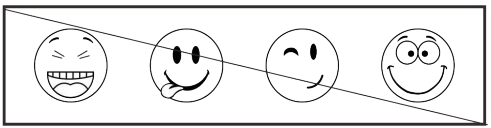
Recommended distance between the machine and user is 0.8 meters (for height range of 1.55-1.85 meters). It can be adjusted according to the effect face images the device obtain; when the face image is too large, it can be moved backwards appropriately; when the face image is displayed small, it can be moved forward properly.



2.4 Staff Facial Expressions and Standing Posture

1) Recommended people Facial Expressions and Several Facial Expressions that Affect Recognition:

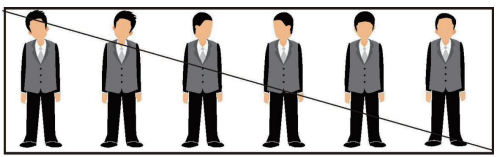
Right



Wrong

2) Recommended Staff Standing Posture and Several Kinds of Recognition Posture that Effect Standing Posture: (Note: In the process of face registration and identification, please maintain a natural look and standing posture.

Right

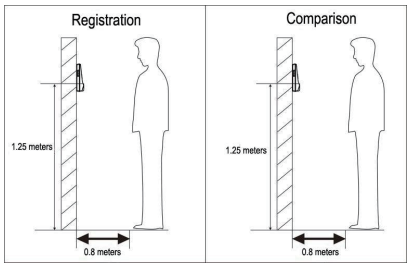


Wrong

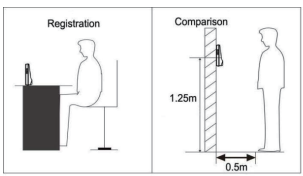
2.5 The Method of Using Device

(1)Recommended Using location and method:

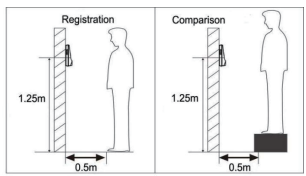
In the process of face registration and identification, the installation position of the equipment must be kept unchanged. If the equipment needs to be moved, the installation height must be the same as the installation environment. Otherwise, the identification effect of the equipment may be deteriorated.



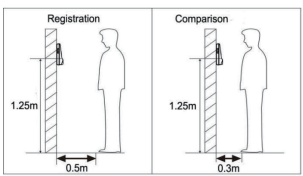
Several Using methods which will affect face recognition effect:



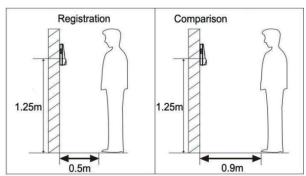
Inconsistence between registration and contrast postures.



Inconsistence between registration and height.

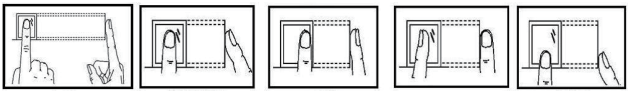


Inconsistence between registration and distance.



Inconsistence between registration and distance.

2.6 The Method of Pressing fingerprints



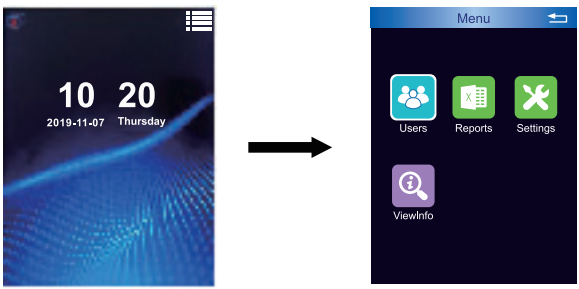
Right | Fingerprint heart misalignment | Too biased | Tilt | Too down

Tips: fingerprint center as close to the center of the window as possible
Please use the correct pressing way to register and comparison, to avoid improper operation caused by degradation of recognition performance.

3.Use Introduction

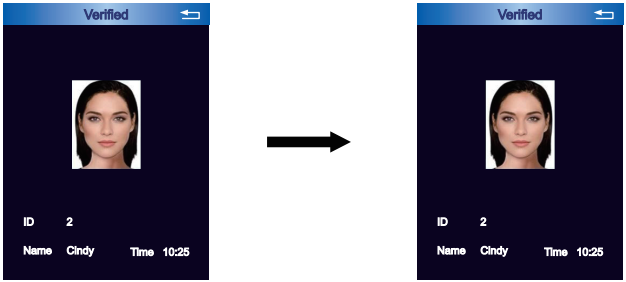
3.1 User Interface and Enter the Main Menu

In the initial interface, click the settings icon at the top right corner
When the administrator has been set, enter the main menu after the administrator verification.



3.2 Verification Method

In the initial interface, the user recognizes through the face, fingerprint, ID/IC card, and password verification method. After the verification is passed, the door opening record will be saved in the device. The voice prompts “Thank you!”. After the employee having verified successfully , it will return to the initial interface.

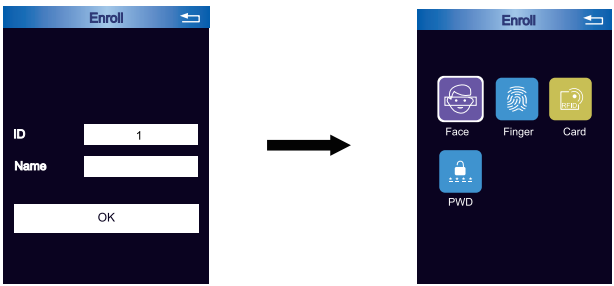


4.User Management

Enter the main menu and click “Users” to enter the user management interface.

4.1 User Registration

New employees enter the work number and name to register the staff’s face, fingerprint, ID / IC card and password. The device supports T9 input method.

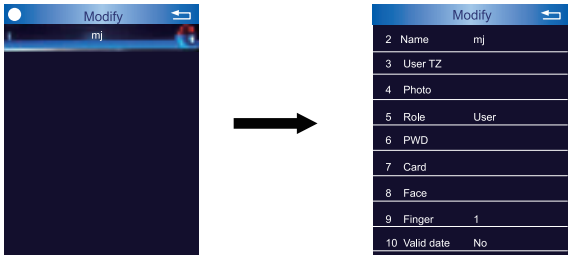


4.2 Modify User Information

There are two ways to find the specified user in the "Modify" interface.

1)Click the icon in the upper left corner to enter the editing interface, and enter the corresponding ID number to find the specified user.

2) Click on the user's name or face and fingerprint pattern to enter the “Modify User” interface. Enter the editing interface from the “Modify” column and enter the corresponding ID number and confirm it, then enter the user's data modification interface; Data modification includes name, card No., password, permission, access control settings, as well as face and fingerprint re-recording or deleting users.



Access Control Setting:

The user access control settings are based on the user's needs.

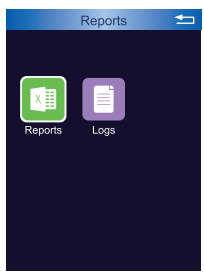
You can enter this menu to view the access control settings status of a user:

That is, the user's daily time period, click "Access Control Settings" to enter the Sunday-Saturday time period selection.

4.3 Download & Upload Data

Download data to the U disk backup, to prevent data loss and upload data conveniently in the future. You can upload employee’s information from U disk to several access control, avoid repeated input operation.

5.Download the Reports



Operation Steps:

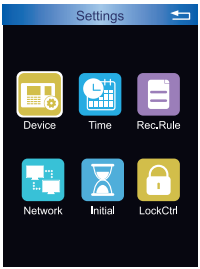
1)Insert the USB flash disk into the U-DISK port of the machine.

2)Enter the main menu and click on “Reports”.

3)Click “Logs”, and the “Working” download recording to the U disk. Pull out the U disk after download being completed and prompt “Download Successfully”.

4)The original record file is generated in the U disk and can be viewed on the computer with a notepad.

6.Settingt

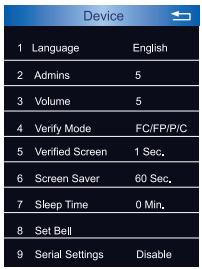


Enter the menu, click "Settings"

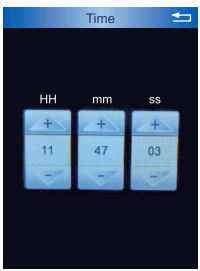
6.1 Device Setting

Click “settings” to enter setting menu

Languages	English or other language for optional
Admins:	0 to 10 optional
Volume:	0 to 10 optional
Verify Mode:	FC/face, FP/fingerprint, P/password, C/ID/IC card
Verify Screen:	The time that back to the menu after verification
Screen Saver:	Time to display screen saver
Sleep Time:	To set the sleep time after screen saver mode
Set Bell:	To set the time for bell ringing, up to 24 rings can be set in a day
Serial Settings:	AB/Disable



6.2 Time Setting

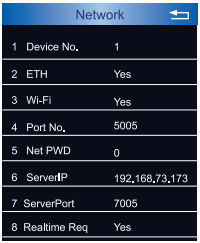


Under the settings menu, click “Time” to enter the time setting, you can set the year, month, day and time. After setting, press “OK” to save automatically.

6.3 Network

Under the advanced settings menu, click “Network” to enter the network settings (you can set the Device No., ETH, WiFi, Port No., Net PWD, Server IP, Server Port, Realtime Req).

When need to start real-time monitoring, set the corresponding "Server IP" and "Server Port" and set "Realtime Req" to "Yes".

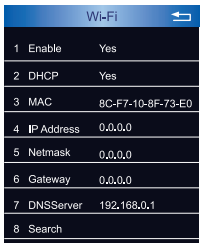


1) Select whether to use wired network

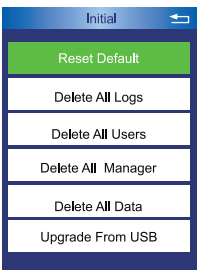
the default is Ethernet at open state, you can enter the Ethernet setting interface, configure the IP address, subnet mask, default gateway, according to the actual network environment.

2) WiFi

Enter the Wi-Fi network. Select "Yes" to open the Wi-Fi network communication function enabling DHCP by default or select "No" to turn off the IP setting manually, then enter "Selec Network" to select the WIFI signal which need to connect, finally enter the password to connect Wi-Fi network.



6.4 Initial



Open advanced settings menu and click “ Initial ” to enter the initialization interface, you can reset Default, delete all logs/users/all manager/all data, and upgrade the hardware, delete the operation password all 8282. (Reset Default will not clean user data and logs. Deleting all data will clean all data and reset default. Please use with caution!)

6.5 Access Control Function

Click “Setting” to enter Settings menu, then click "LockCtrl" to enter the LockCtrl (you can set the “Time Setting”, “Users to Open”, “Unlock Time”, “Sensor Type”, “Sensor Delay”“Anti Passback”, “Alert Delay”, “Alarm Cancellation ”, “Tamper Alarm”, “Wiegand format”, “Wiegand Output”, “Wiegand Input” and “Door Status”).

Time Period Definition:	The definition of the time interval for open every day
Unlock For:	Require a few users to confirm before they can open the door at the same time
Sensor Type:	The type of door magnet: there are three types: Disable, Open, Closed; “Disable” means don’t use the door magnet function, “Open” means that the door is in a normally open state when the door is closed, “Closed” means that the door magnet is in a closed state when the door is closed.
Sensor Delay:	Open the door after some time before starting the alarm, this time is the door magnetic delay.
Anti Passback:	Prevent trailing out, Yes/No
Alert delay:	After triggering tamper switch of the machine, start alarm if over the delay time
Turn Off Alarm:	When the alarm is on, and it has been ruled out that it is not an illegal operation. You can stop the alarm by this option
Tamper Alert:	Turn on or off the alarm signal when the machine is dismantled
Wiegand Format:	Formats of WG input and output is the 26 or 34 optional, the default WG26
Wiegand Output:	User ID/Card Number
Wiegand Input:	User/Card Number
Door Status:	In/Out

7.Information View

7.1 Record View

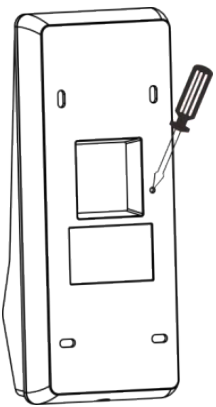
Viewing Administrator user record:
Enter ID, select the time of starting and ending. Click "OK" to check the time of the employee's face, fingerprint, ID / IC or password recognition successful in this period.
(Note: The confirmation method FC is face recognition, FP is fingerprint recognition, C is ID / IC card recognition, P is password recognition.)

7.2 Registration Information

View user registration, management registration, attendance records, face, fingerprint, ID / IC card, password registration and other information.

7.3 Device Information

Check manufacturer(MFG), date of manufacture (Mfg. Date) and firmware version(Firmware).

8.Device Administrator Cleaning Method

When the device is on, insert a tool like a small screwdriver into the middle hole at the bottom of the device and hold the inside button for 3 seconds, prompting" Are you sure to delete?" Press " OK" to clean the device administrator.