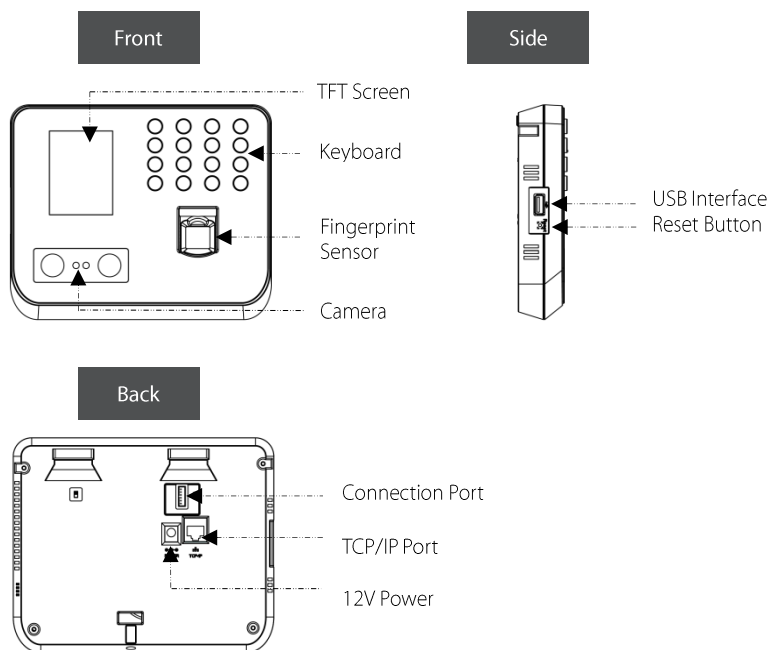


Quick Start Guide

2.8 inches Color Screen Facial Recognition Series

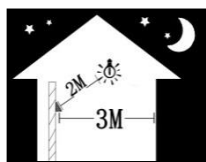
Version: 1.0 Date: 2018.7

1. Overview

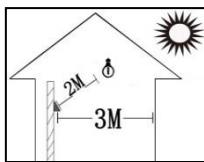


2. Installation environment

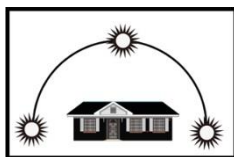
1) Recommended installation location



10Lux



1200+ Lux



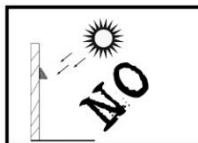
Install the device at an indoor place, at least 10 feet (3m) away from windows, and 6.5 feet (2m) away from light source. Recommended illuminance range is 0-800 LUX.

0-800Lux

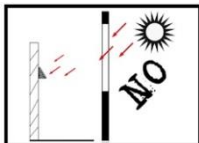


2) NOT Recommended Locations:

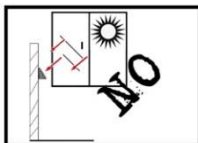
Direct sunlight



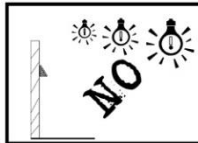
Direct sunlight thru window



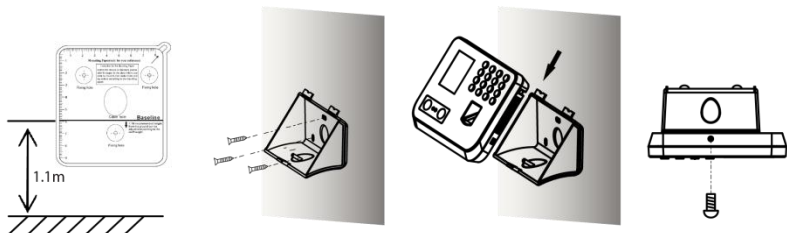
Indirect sunlight thru window



Too close to light fixtures



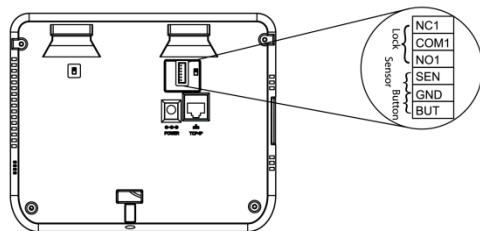
3. Installation Steps



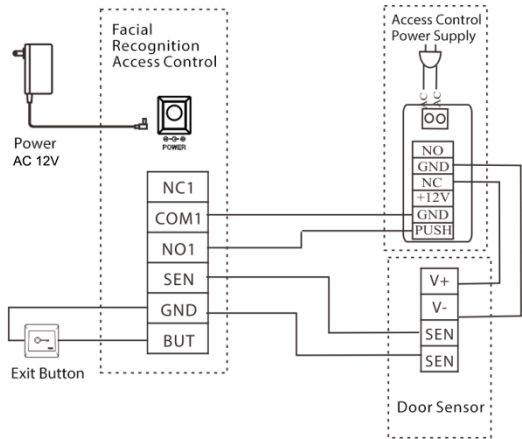
- 1) Post the installation template on the wall and drill. The distance from baseline to the ground is 1.1m by recommendation (for height in 1.55m to 1.85m). If the distance is 1.2m, the suitable height is beyond 1.65m.
- 2) Fix the plate with the screws on the hole drilled on the wall.
- 3) Up down fix the device into the plate.
- 4) Fix the bottom screw.

4. Lock Connection

PIN	Name	Description
1	NC1	Normal Close
2	COM1	COMM
3	NO1	Normal Open
4	SEN	Sensor
5	GND	Ground
6	BUT	Button

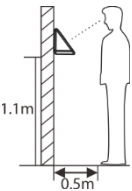


The device and the Electrical Lock should be powered by independent power supply. It is recommended to use professional access control power supply as the Electrical Lock power supply, and select different output according to the actual situation of the Electrical Lock.



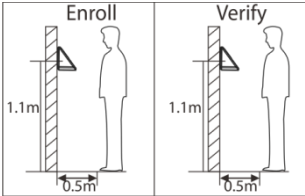
5. Notifications

1) Recommended Standing Position



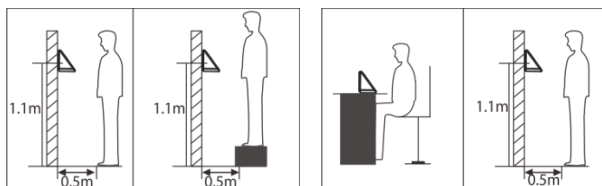
For users 5-6 feet tall (1.55m-1.85m), we recommend users stand about 2 feet (0.5m) from the device. When viewing your image on the device, step away if your image appears too bright, and step closer if your image appears too dark.

a. Recommended Method



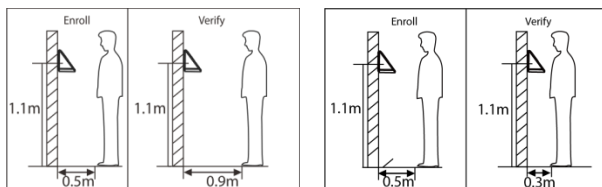
Recommended using methods (shown as left figures): During enrollment and verification, the installation position of device must remain the same. If need to move the device, keep the same installation height, or else, the recognition function will be poor.

b. Not Recommended Methods



Too high

Too low



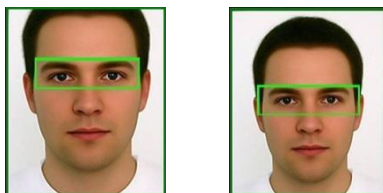
Too far

Too close

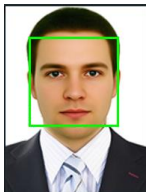
Note: During enrollment and verification, try to have a relaxed face expression and stand upright.

2) Enrolling Expressions

a. Please adjust your eyes into the green box by moving forward or backward while enrolling.



b. b) Please keep your face at the center of the green box.



Note: Not all the devices have the function with ★.

6. Menu Functions

6.1 Enroll New User

Go to Main Menu → User Mgt. → New User; enter **User ID, Name**; select **User Role** (Normal User is not authorized to operate the menus of the device, Super Admin can operate all the menus of the device). Enroll **Fingerprint** (Press a finger 3 times on the fingerprint reader as instructed, you can register maximum of 10 fingerprints), **Face**, **Password** (it support 1 to 8 digits), **User Photo** (This photo will be displayed after verification).

New User	
User ID	4
Name	
User Role	Normal User
Fingerprint	0
Face	0
Password	

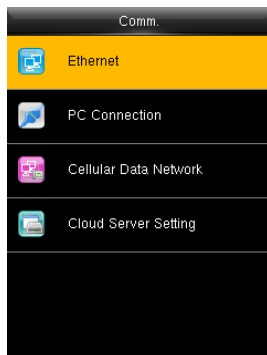
6.2 Access Control

Main Menu → Access Control → Access Control Options, set a time duration to keep the door open after verification.

Access Control Options	
Door Lock Delay (s)	10

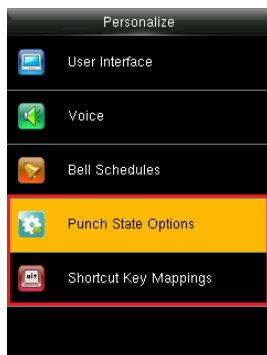
6.3 Communication Settings

Go to Main Menu → COMM → Ethernet; set its **IP Address**. The device can communicate with PC via the Ethernet parameters. For **Wireless Network** turn on **Cellular Data Network**. To use **Cloud Server Setting** set **Server Address** and **Server port** according to the server.



6.4 Punch State Options

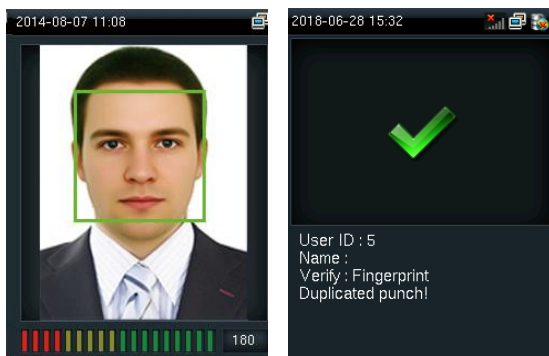
If the equipment is used as an attendance device, go to Main Menu → Personalize → Punch State Options; choose **Punch State Mode**, and then turn ON the **Punch State Required** function. You can set the shortcut keys through **Shortcut key Mapping** option.



6.5 Verification

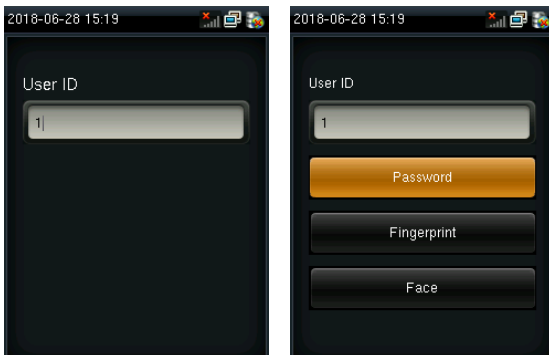
◆ 1:N Verification

Keep the face close to the camera or press the finger on the fingerprint reader.



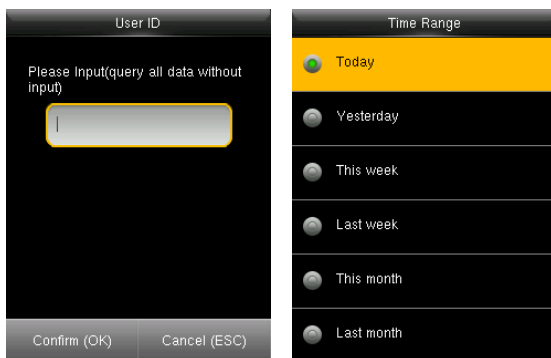
◆ 1:1 Verification

If you face difficulty during verification, use 1:1 verification. Enter the **User id** through device keyboard then press **M/OK** to choose verification mode.

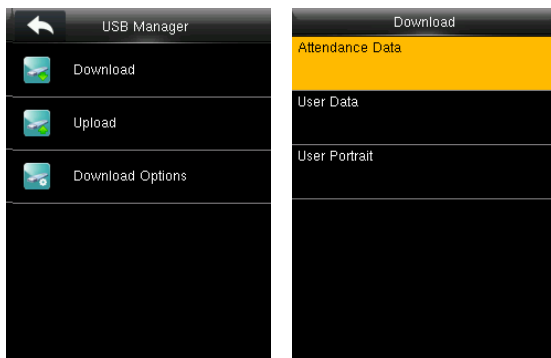


6.6 Attendance Records

- ◆ **View records in the device** (go to Main Menu → Attendance Search; enter User Id and press M/OK. If you want to search for all the users, don't enter any user id).



- ◆ **View records on computer** (go to Main Menu → USB Manager → Download → Attendance Data):

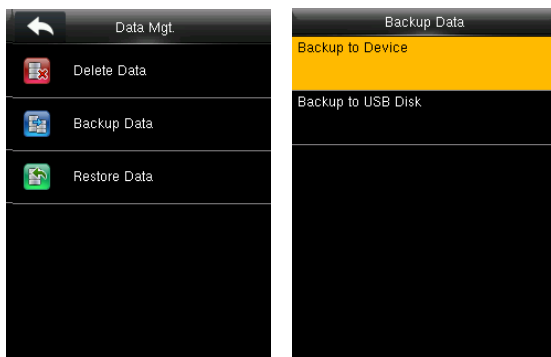


Insert the USB disk properly and download the attendance data to the disk. Then copy that data from the disk to your computer. The downloaded data filename will be "Device Serial Number.dat", you can open and view it.

6.7 Backup Data

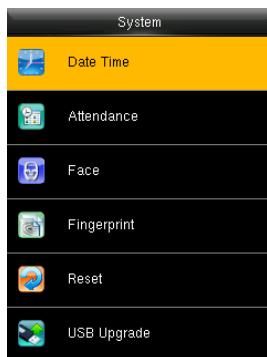
To prevent data loss, you can backup data to USB disk at any time.

Go to Main Menu → Data Mgt. → Backup Data → Backup to USB Disk:



6.8 Other Settings

Date Time (Go to Main Menu → System → Date Time):



Date Time (Go to Main Menu → System → Date Time):

Language (Go to Main Menu → Personalize → User Interface → Language):

7. Problems & Solutions

1. The face is not recognized by the device while verification.

Solutions:

a. Check out if the expressions or standing postures and distance is same in enrolling and verifying.

b. Check out if the sunlight is direct to the device or if the device is near to the windows.

2. Users do not wear glasses in enrolling and wear glasses in verifying.

Solutions: You can enroll face wearing glasses for first catching face, and then take off glasses for the left catching.

3. The device makes a misjudgment while verification.

Solutions: There is a certain probability of misjudgment, you can re-enroll the face.

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Mahadevapura, Bengaluru-560048.

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