

FR330 Face Recognition Reader

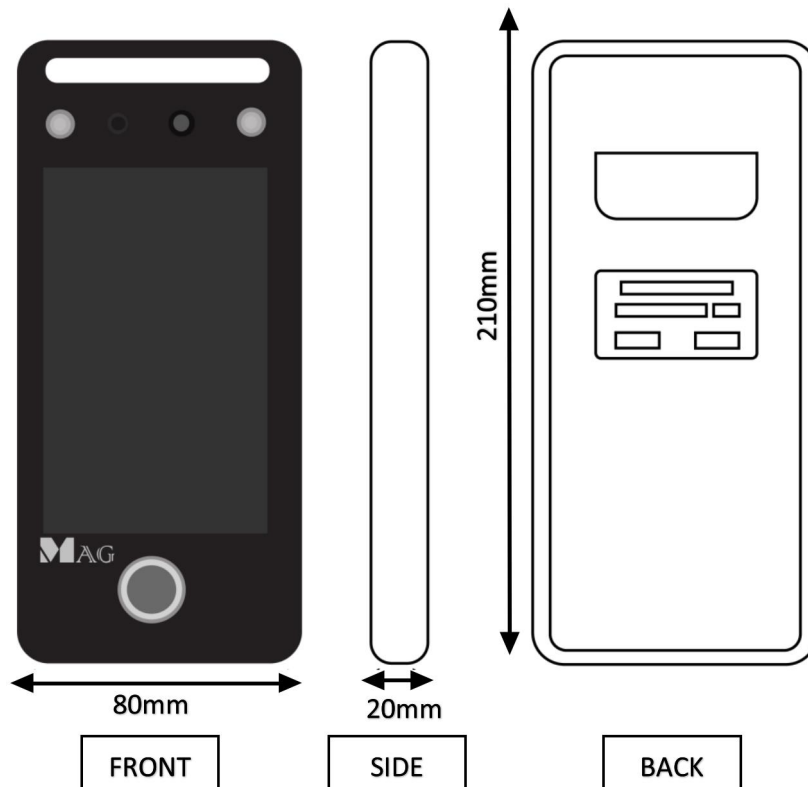
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Technical Specification

Description	Parameter
Access Mode	Face , Card, PIN, fingerprint or QR code. Face + PIN, Face + Card, Face + QR Code Face + Fingerprint Fingerprint + Card, Fingerprint + QR Code, Fingerprint + Pin
Validation Display	Name and avatar (enrolled picture as thumbnail)
Facial Scanning Range	Without live movement detection: 0.5-3m (normal sufficient lighting condition)
	With live movement detection: 0.5-1.5m (normal sufficient lighting condition)
Display Screen	5 inch Full HD Capacitive touch screen
Operating System	LINUX
Relay Output	Lock Relay dry contact output (N.O, N.C and COM) Alarm Relay transistor output (-12V)
Relay Input	Door sensor
Push Button Input	Yes
Communication Interface	TCPIP or WIFI (stability is dependent on wireless signal quality)
External Wiegand Port	Yes, WG26/34 Output/Input
Power Supply	DC 12V, 2A

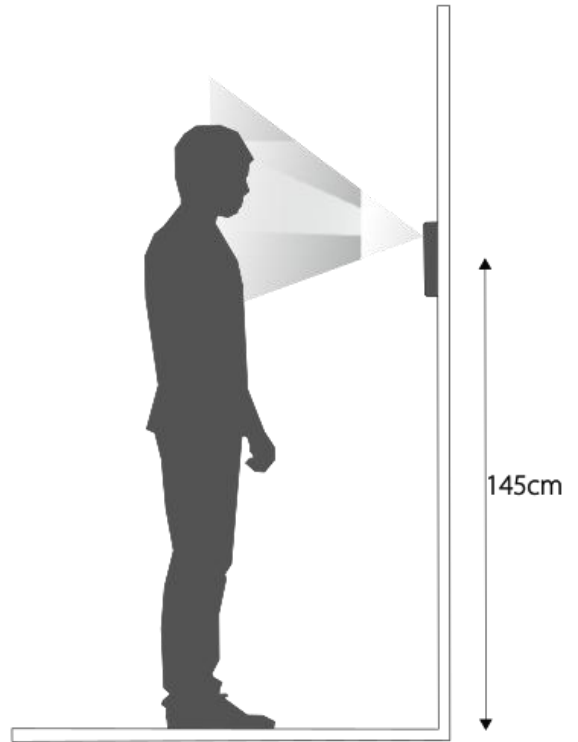
Dimension



Pedestrian Gate Bracket Mount



Installation Height

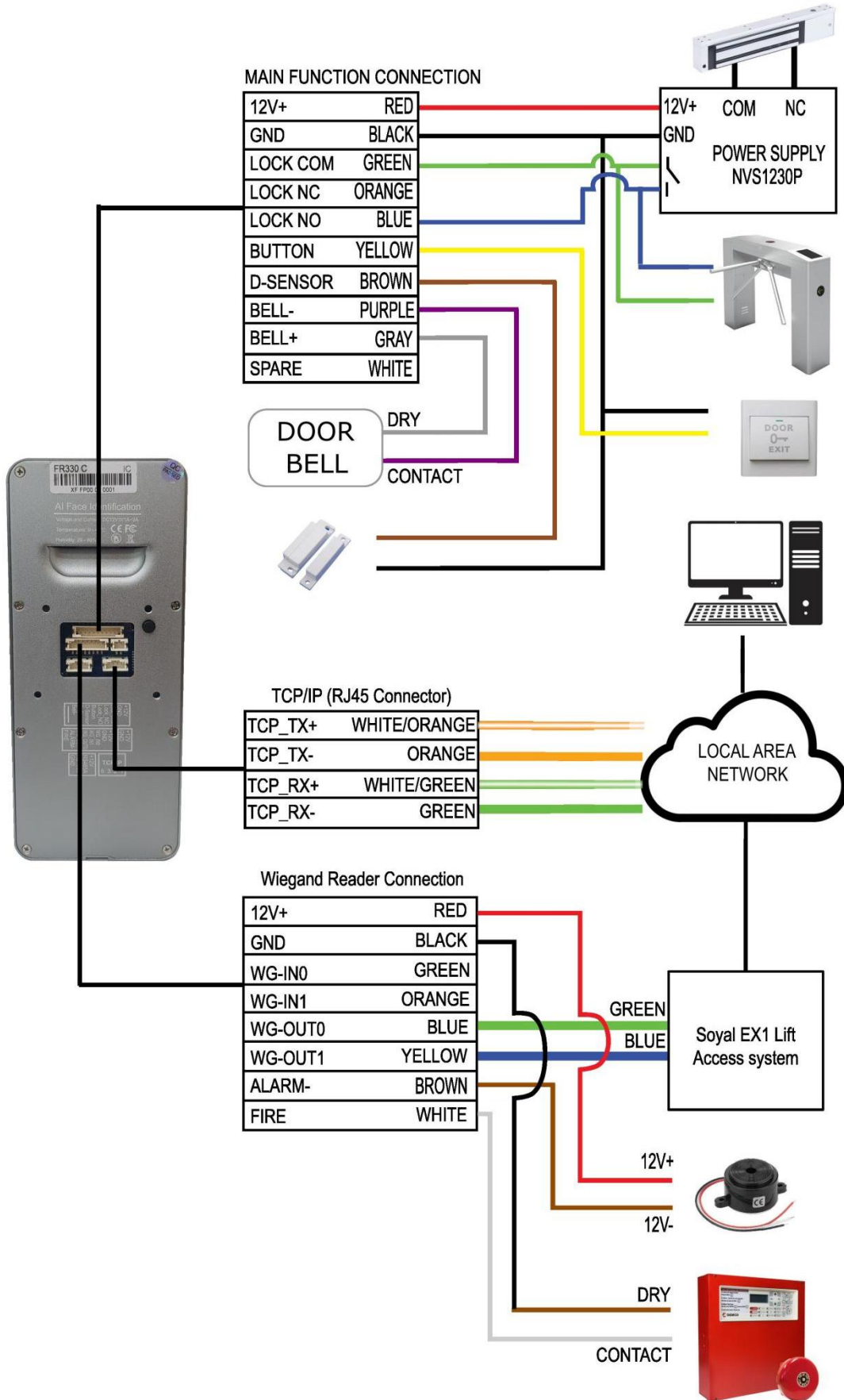


Recommended Installation Height

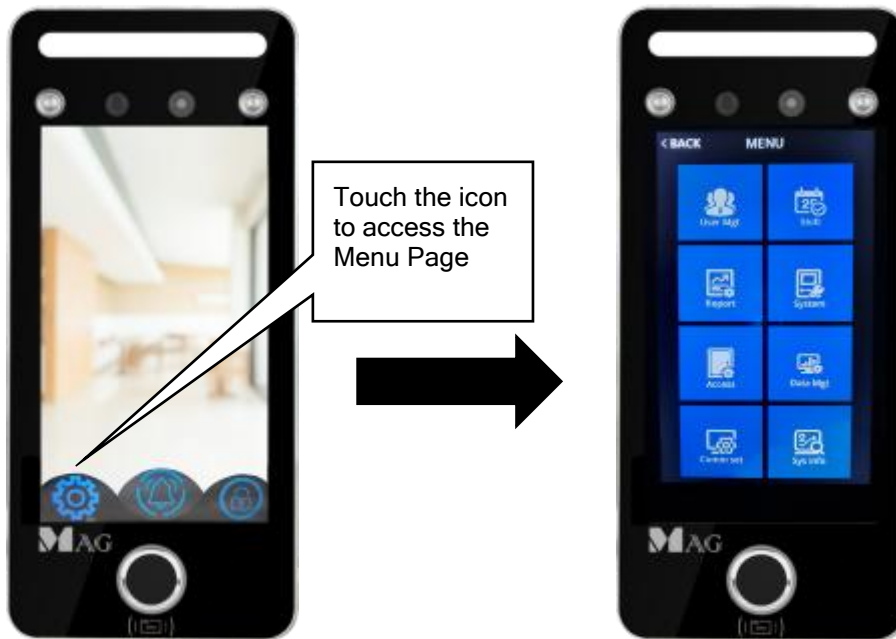
Wall Mount



Wiring diagram and connection

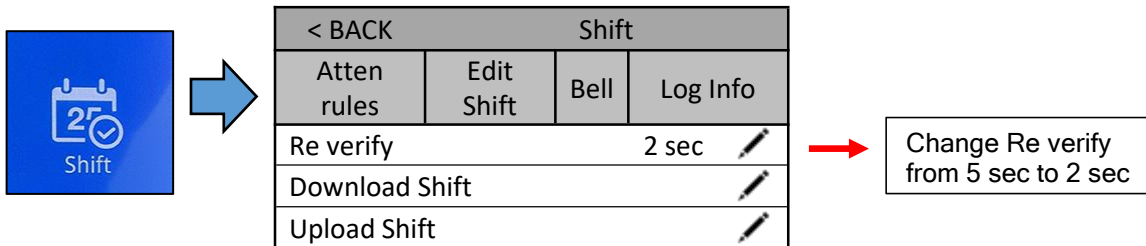


Functional setting



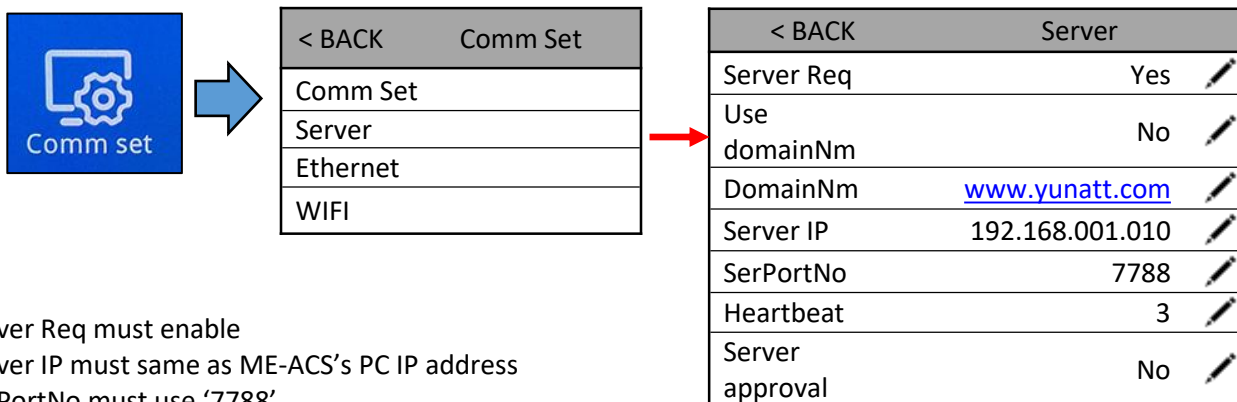
1) Frequency of sending event to ME-ACS software

- Touch the Shift Icon > Change Re verify from 5 sec to 2 Sec frequency



2) Sending event to ME-ACS software

- Touch the Comm set Icon > Server > Configure ME-ACS Server information



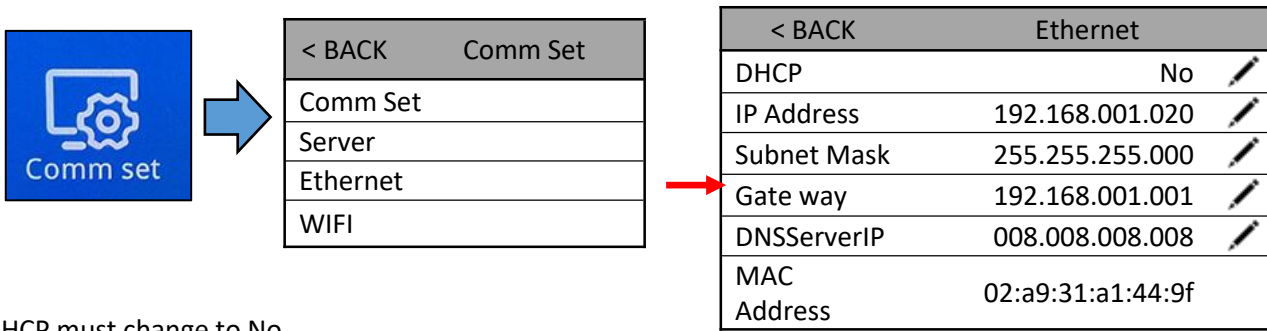
*Server Req must enable

*Server IP must same as ME-ACS's PC IP address

*SerPortNo must use '7788'

3) Reader network IP address

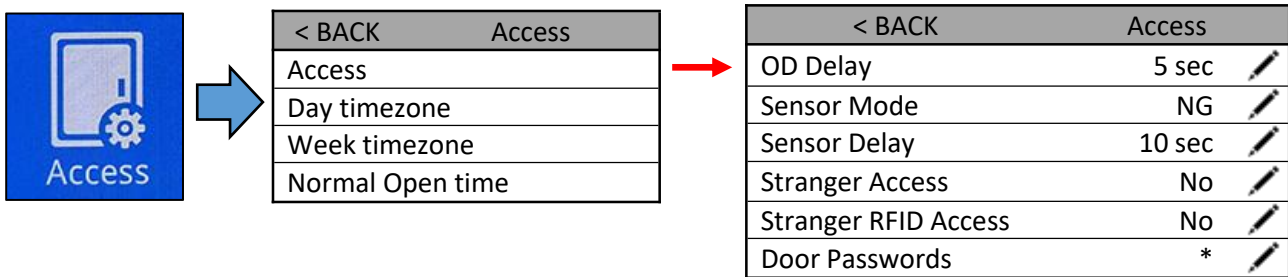
- Touch the Comm set Icon > Ethernet > Configure ME-ACS Ethernet information



- *DHCP must change to No
- *IP Address must be unique

4) Relay output time

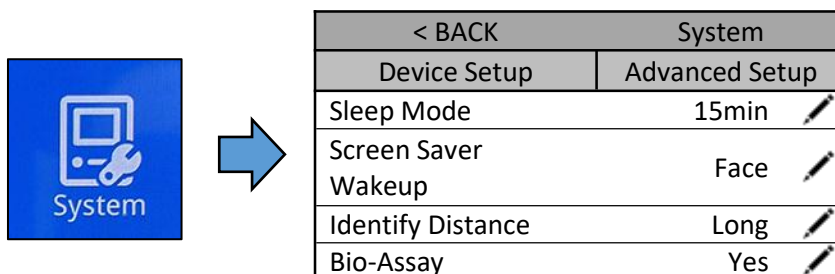
- Touch the Access Icon > Access > Configure Access information



- * OD Delay = Relay trigger duration
- * Sensor Mode = Magnetic Contact for NC / NO / NG
- * Sensor Delay = Alarm delay duration upon door open
- * Stranger Access = Allow open door with any face scan
- * Stranger RFID Access = Allow open door with any card scan
- * Door Passwords = min 1 digit ~ max 8 digit pin code to open door

5) Range and False Detection

- Touch the System Icon > Configure System information



- * Sleep Mode = Duration by minutes to turn off screen
- * Screen Saver Wake up = Wake up screen either by Face or Touch
- * Identify Distance = Short (0.5m) / Middle (1.5m) / Long (3m) Scanning Range
- * Bio-Assay = No = Allow displayed photo to access / Yes = Not allow displayed photo to access

6) Detection Configuration

- Touch the System Icon > Configure System information



< BACK		Server	
Device Setup		Advanced Setup	
Max Admin	10		✎
Verify Mode	FA/FP/C/P		✎
QR Code	Card -> QR Code		✎
1:N Identify	52		✎
Live threshold	10		✎
Wear Mask	No		✎
Mask threshold	50		✎
FP per user	2		✎
FP level	3		✎

* Max Admin = How many operator to control the Reader

* Verify Mode- FA/FP/C/P = Face Access / Card / QR Access / Fingerprint / Passwords Access

- Face + Pwd = Face and Passwords Access
- FA + C = Face and Card Access / Face and QR code Access
- C + P = Card / QR Code and Passwords Access
- FA+(C/P) = Face and Card / QR or Passwords Access
- FA+FP = Face and Fingerprint
- FP+C = Fingerprint and Card/QR Code
- F+P = Fingerprint and Passwords Access

* QR Code

- No = Disable QR Function
- Visitor QR Code = Not Applicable
- Card -> QR Code = Card Number convert to QR code
- Server QR Code = Not Applicable

* Wear Mask

- No = Disable Mask Detection
- Yes = Enable Mask Detection
- Must = Mask compulsory for authorization

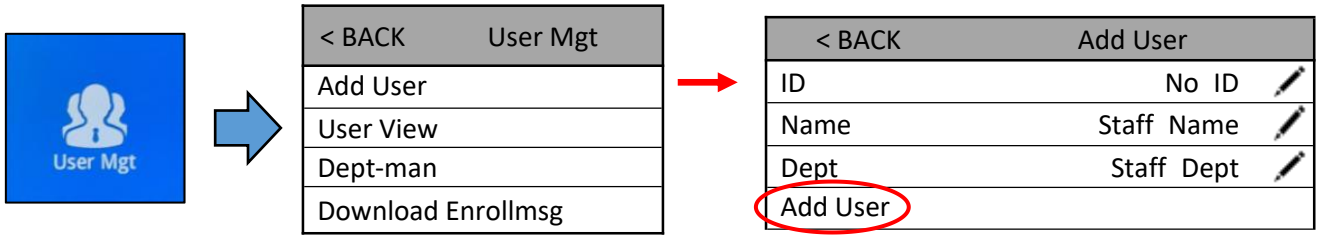
* FP Per USER - Set 1 - 10 = By Default is 2 Fingerprint Per User
(ME-ACS Software Limit to 2 Fingerprint)

* FP Level - Set 1 - 5 = Sensitivity of Fingerprint Touch

User Enrollment

1) User Registration

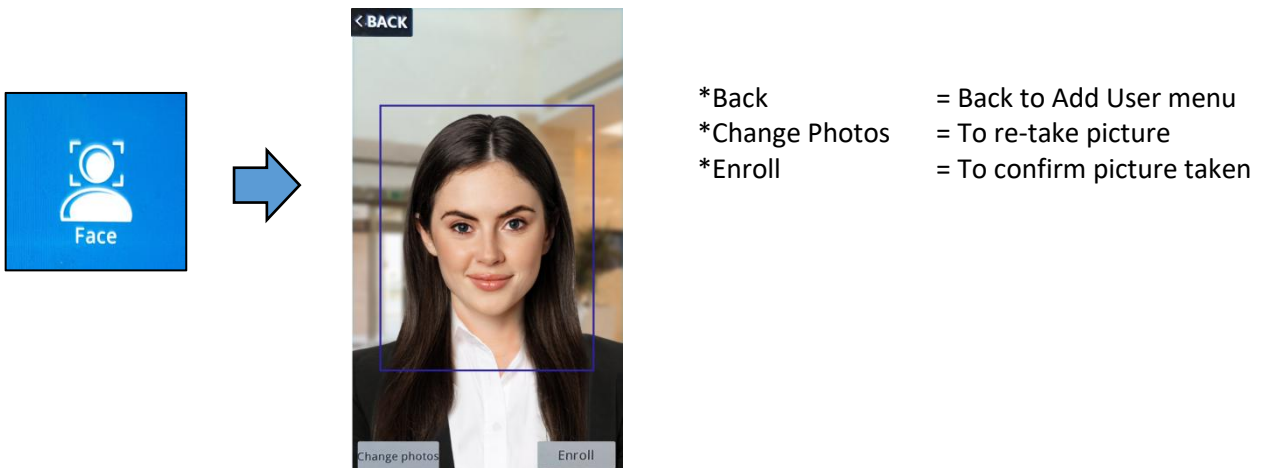
- Touch the User Mgt Icon > Add User > Configure the user information and touch Add User to confirm



- *ID = User unique ID
- *Name = User name to be displayed
- *Dept = User Department

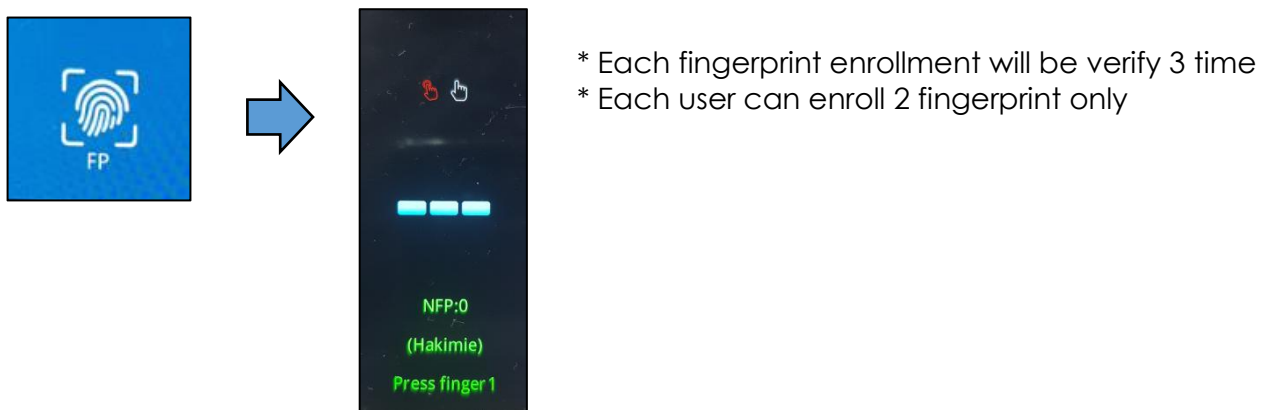
2) User Face Enrollment

- Touch the Face Icon > Take Picture Inside a box > Touch enroll to confirm



3) User Finger Print Enrollment

- Touch the FP Icon > To enroll Finger Print



4) User RFID Card Enrollment

- Touch the RFID Card Icon > Touch the RFID card on the RFID icon > Click OK to confirm the card enrollment
- * Each User only has 1 Card only



5) User Password Enrollment

- Touch the RFID Card Icon > Input the Password > Click OK to confirm



- * Each Password set need to verify 1 time
- * Each User only has 1 Password only

