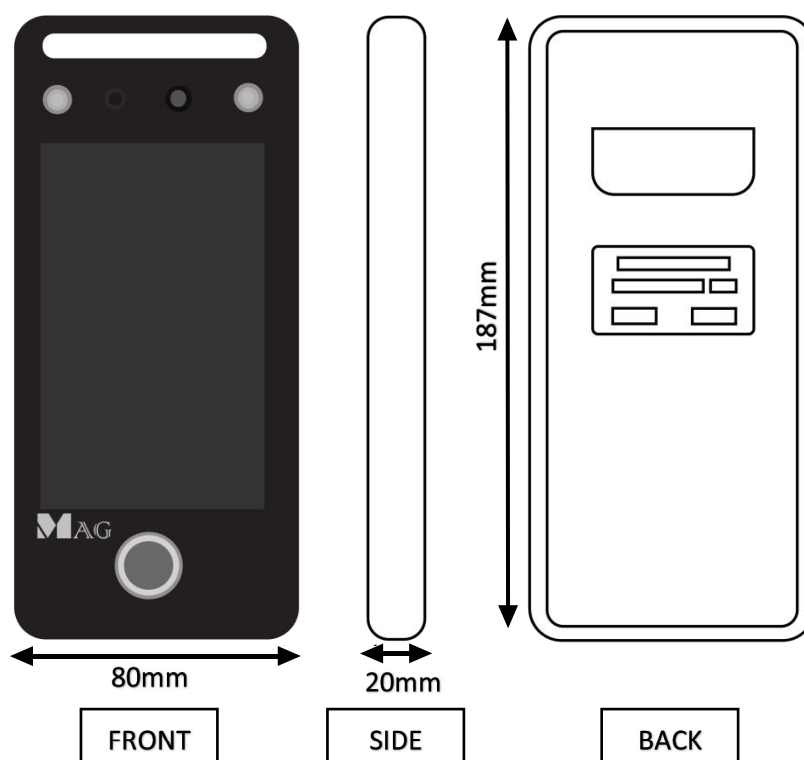


FR330 Face Recognition Reader
WWW.MAG.COM.MY

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


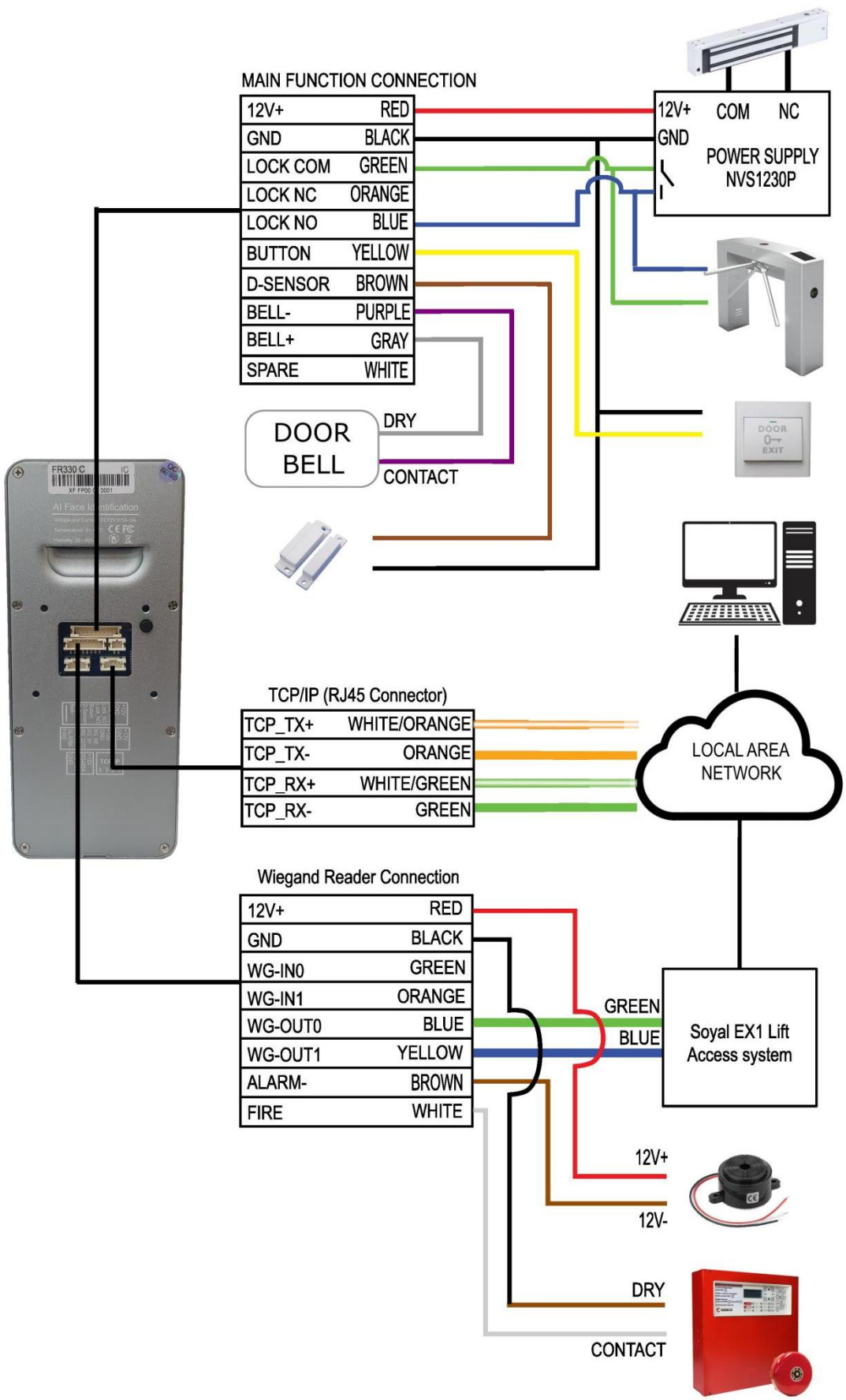
Pedestrian Gate Bracket Mount



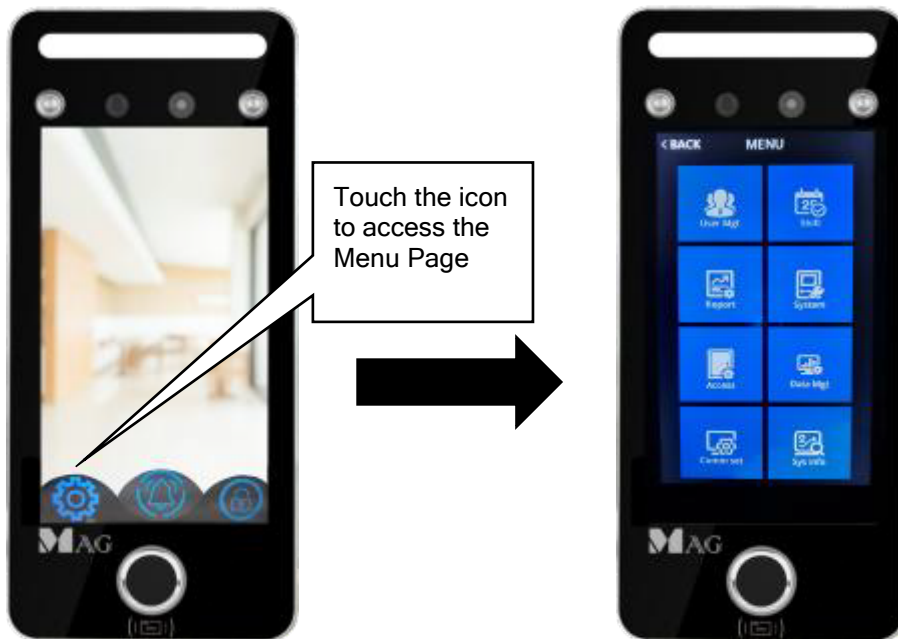
Wall Mount



Wiring diagram and connection

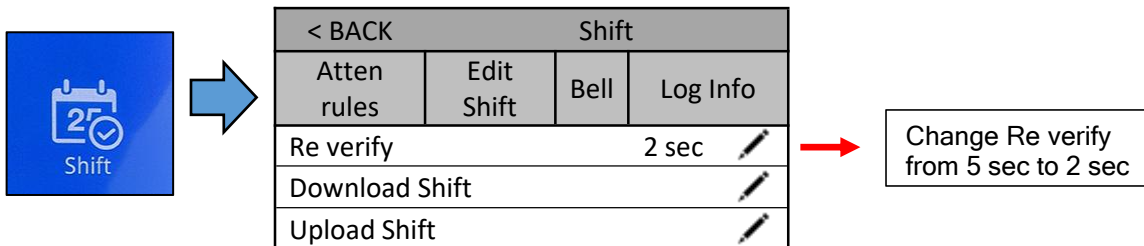


Functional setting



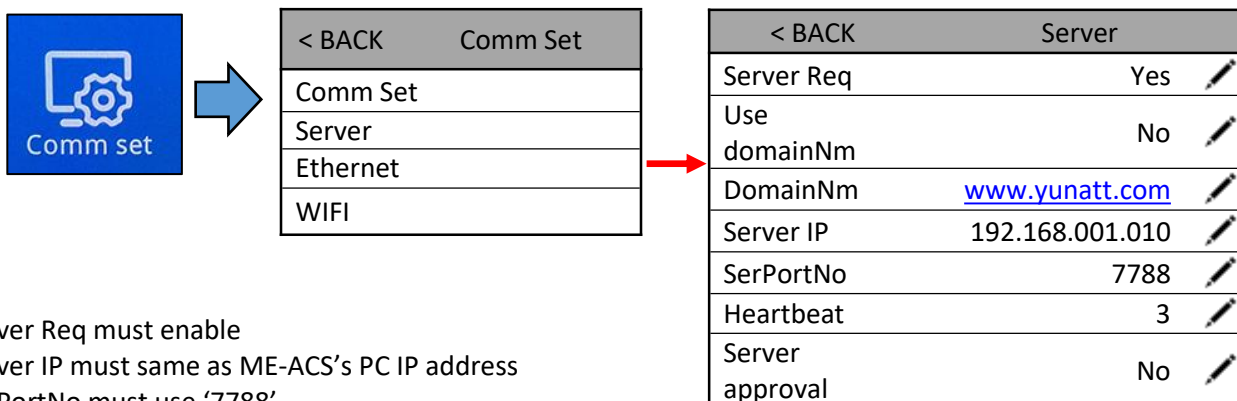
1) Frequency of sending event to ME-ACS software

- 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



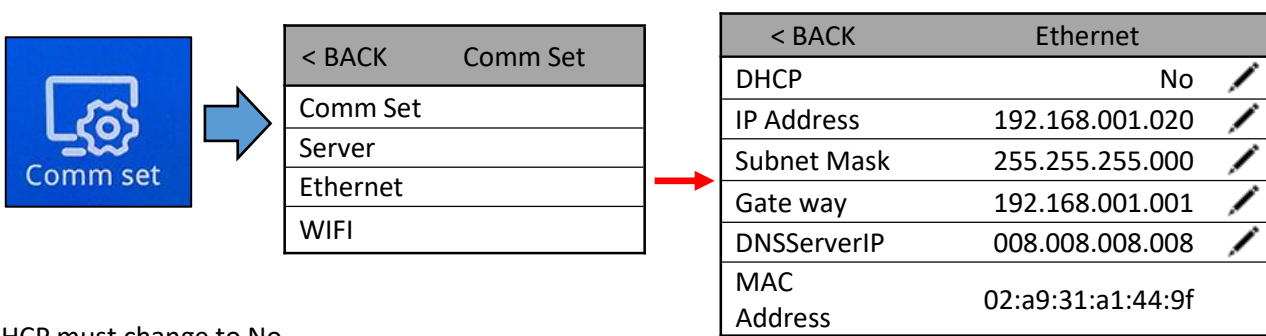
*Server Req must enable

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

*SerPortNo must use '7788'

3) Reader network IP address

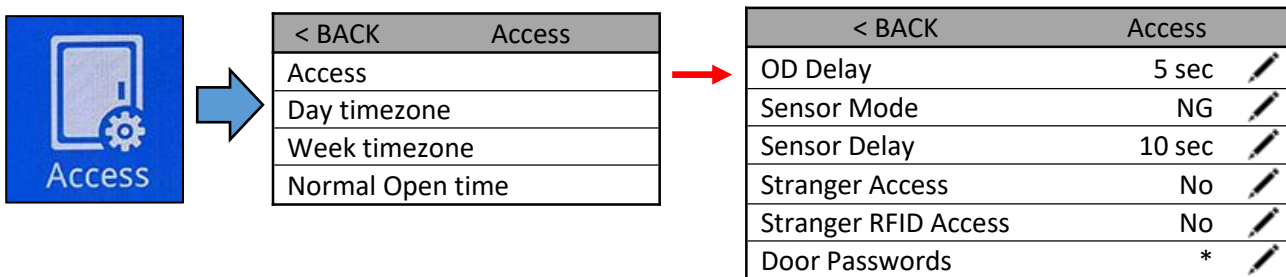
- Touch the Comm set Icon > Ethernet > Configure ME-ACS Ethernet information



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

4) Relay output time

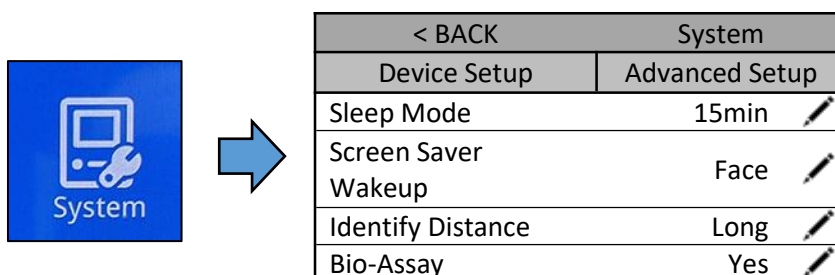
- Touch the Access Icon > Access > Configure Access information



- * 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

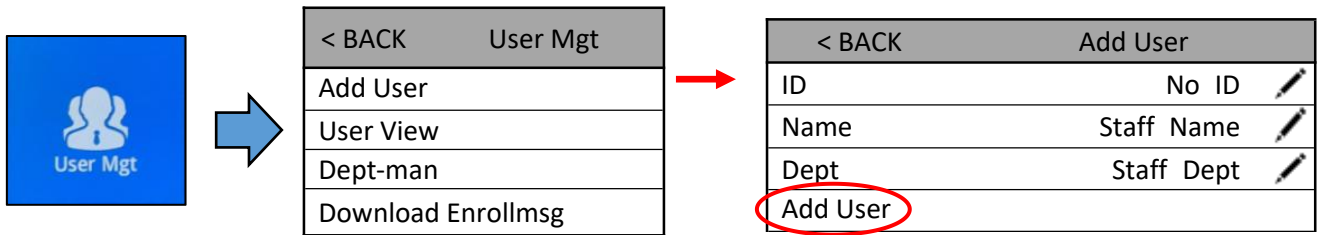
* FP Per USER - Set 1 - 10 = By Default is 2 Fingerprint Per User
(ME-ACS Software Limit to 2 Fingerprint)

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

User Enrollment

1) User Registration

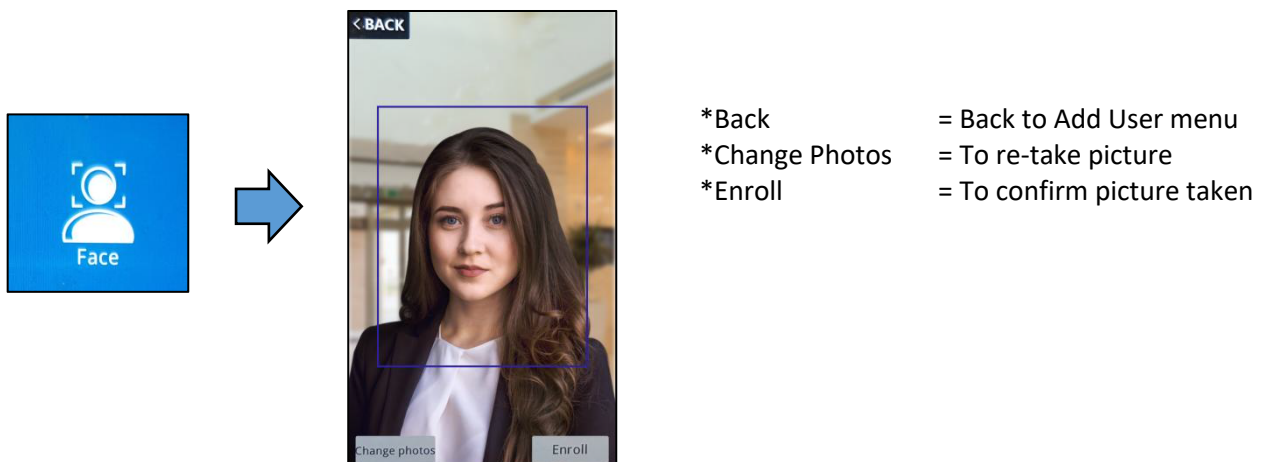
- Touch the User Mgt Icon > Add User > Configure the user information and touch Add User to confirm



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

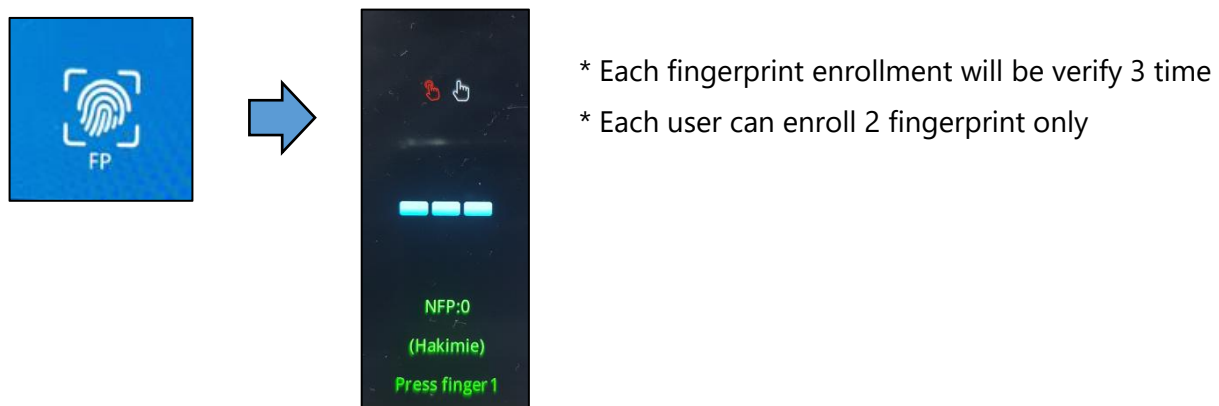
2) User Face Enrollment

- 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