BRYCO

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QUICK GUIDE
22 Feb 2022, V1

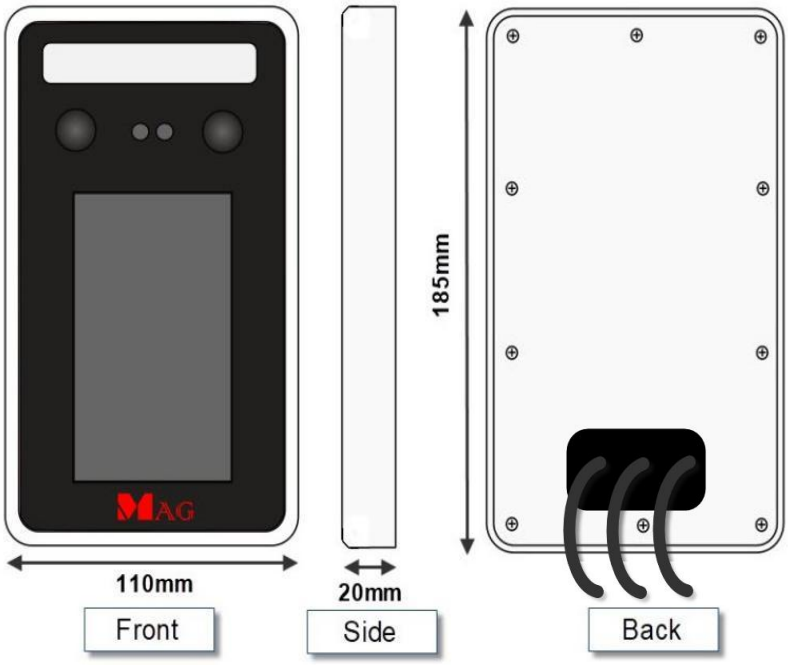
FR320 Face Recognition Reader

WWW.MAG.COM.MY

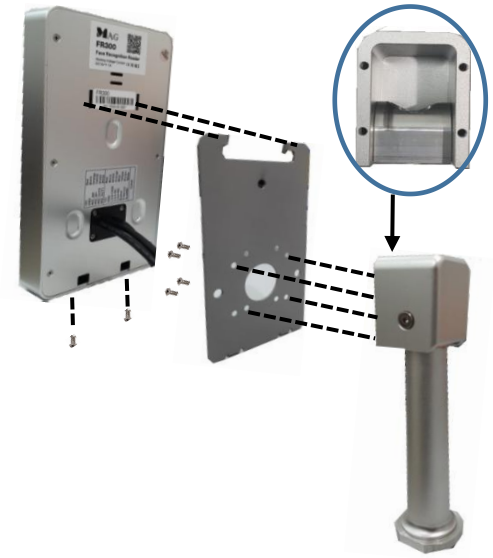
Technical Specification

Description	Parameter
Access Mode	Face , Card, PIN or QR code. Face + PIN, Face + Card, Face + QR code.
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

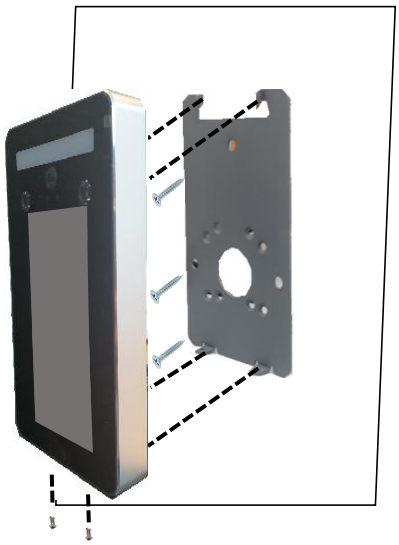
Dimension



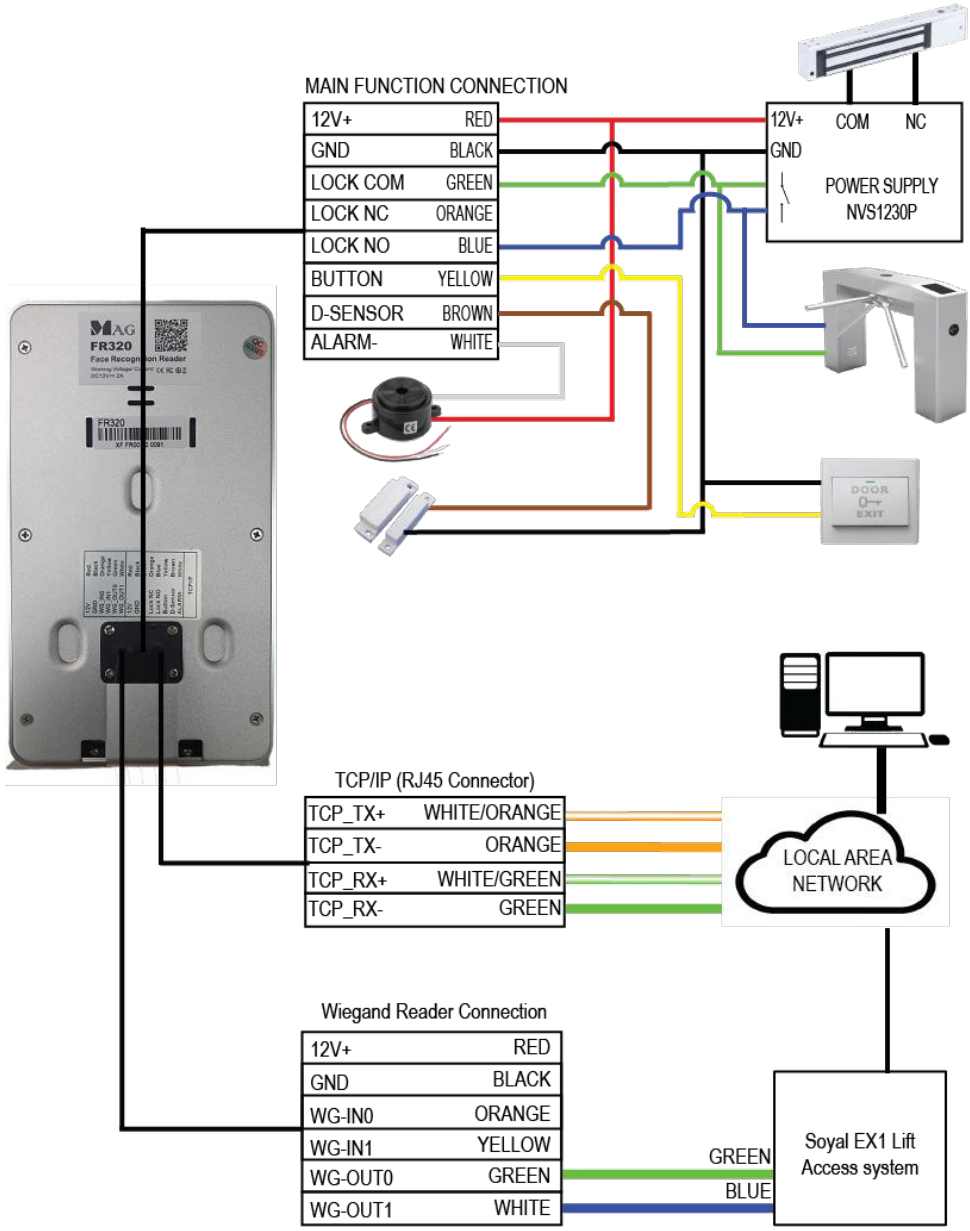
Pedestrian gate bracket mount



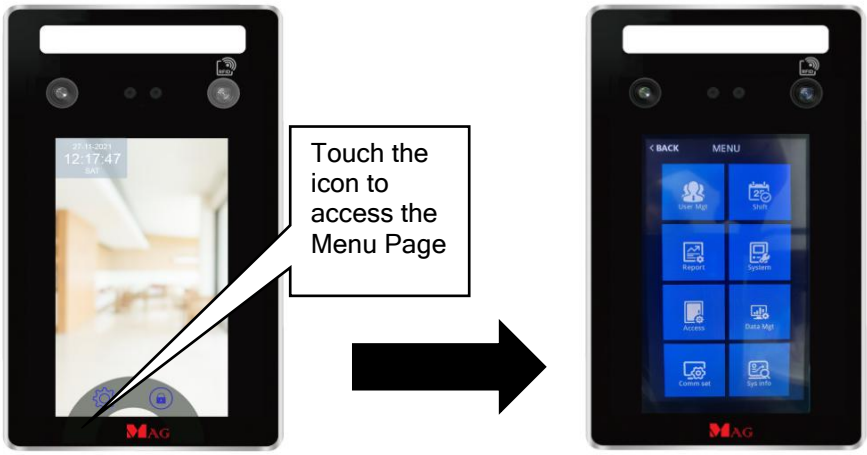
Wall mount



Wiring diagram and connection



Functional setting



1) Frequency of sending event to ME-ACS software

< BACK	Server		
Atten rules	Edit Shift	Bell	Log Info
Re verify			2 sec
Download Shift			
Upload Shift			

Change Re verify from 5 sec to 2 sec

2) Sending event to ME-ACS software

< BACK	Comm Set
Comm Set	
Server	
Ethernet	
WIFI	

< BACK	Server
Server Req	Yes
Use domainNm	No
DomainNm	www.yunatt.com
Server IP	192.168.001.010
SerPortNo	7788
Heartbeat	3
Server approval	No

*Server Req must enable
*Server IP must same as ME-ACS's PC IP address
*SerPortNo must use '7788'

3) Reader network IP address

< BACK	Comm Set
Comm Set	
Server	
Ethernet	
WIFI	

< BACK	Ethernet
DHCP	No
IP Address	192.168.001.020
Subnet Mask	255.255.255.000
Gate way	192.168.001.001
DNSServerIP	008.008.008.008
MAC Address	02:a9:31:a1:44:9f

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

4) Relay output time

< BACK	Access
Access	
Day timezone	
Week timezone	
Normal Open time	

< BACK	Access	
OD Delay	5 sec	
Sensor Mode	NG	
Sensor Delay	10 sec	
Stranger Access	No	
Stranger RFID Access	No	
Door Passwords	*	

* 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

< BACK	Server	
Device Setup	Advanced Setup	
Sleep Mode	15min	
Screen Saver Wakeup	Face	
Identify Distance	Long	
Bio-Assay	Yes	
Show Avatar	No	

*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
*Show Avatar = No = Does not display thumbnail photo / Yes = Display thumbnail photo

6) Mask Detection

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

* Max Admin = How many operator to control the Reader
* Verify Mode- FA/C/P = Face Access / Card / QR Access / 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
* 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

ACB QMS 05
MS No.: 05 100 20010