

AR-837(EF/EFi)

LCD Access Controller



(Capacitive)



(Optical)

Built-in Door Bell button

Optional for Built-in Voice module

Weatherproof Design for outdoor use

Optional for Built-in HID module and HID compatible

Illuminated Keypad Design for better visual operation

Multiple Access Modes: Fingerprint / RF Tag / PIN Code

Capacity to connect with fire call points to release all doors under emergency

Patented Relay design can avoid the door being opened by any vibration or mis-trigger

Support Network Redundancy by dual communication interface, TCP/IP and RS-485

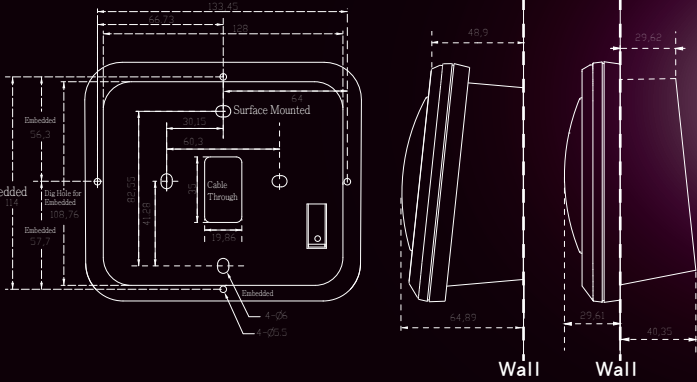
Fingerprint Sensor can be either the Optical Sensor (DO) or the Capacitive Sensor (MT)



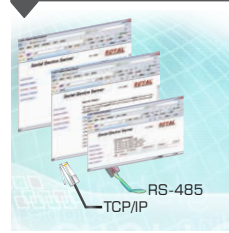
Dimensions (mm)

Surface Mounted

Embedded



Networking/Time attendance



Lift Control



Application

Parking Management



Access Control



Specification

Frequency	125KHz	13.56MHz	Dual Band
Standard	EM Standard (Option) HID Prox Indala Prox	ISO14443A (Option) ISO7816 DESFire FeliCa™ NFC	EM Standard ISO14443A (Option) HID Prox Indala Prox ISO7816 DESFire FeliCa™ NFC
Reading Range (Depends on Tags)	5-15cm	2-5cm	125kHz : 5-15cm 13.56MHz : 2-5cm
Power Supply	10-24VDC		
Power consumption	<5W		
Communication Interface	RS-485 / Ethernet (Optional)		
Baud Rate	9600 bps(N,8,1) or 10/100M Base T		
Temperature	0°C to +60 °C		
Digital Input	Egress(R.T.E.) x 2 / Door contact x 2		
Relay Output	Alarm Relay / Lock Relay		
Lock Relay Time	ON/OFF, 0.1-600 Sec.		
Alarm Time	Toggle, 1-600 Sec.		
Tamper Switch	Limit Switch (Form C)		
User Capacity	16,000		
Event log	32,000		
External Reader	1 Wiegand Port		
Anti-pass-back	Yes		
Lift Control	64 Floors, 16,000 Users		
Serial port	Yes		
Real Time Clock	Yes		
Transistor Output	Arming LED / Alarm / Duress / WG Lock Relay / Security trigger signal		
LCD Panel	128*64 (4-Line messages, 16 Characters each line)		
Indicator	6 LED & 1 Beeper		
Keypad Material	Illuminated Rubber		
Housing Material	ABS		
By Order Module	AR-MDL-721V (Voice Module); AR-837i (TCP/IP) AR-WG-HID (HID RF Module)		
Door Bell Button	Yes		
Fingerprint Module's CPU	400 MHz DSP		
ERR	<0.1%		
Finger Registration Capacity	9,000 (1-2 finger for each user)		
Auth. Speed (1:N)	0.97 Sec. (DO) / 0.65 Sec. (MT)		
Dimensions (mm)	128(L)X147(W)X65/30(H)		
Weight (g)	520±30 (DO), 470±30 (MT)		

Structure

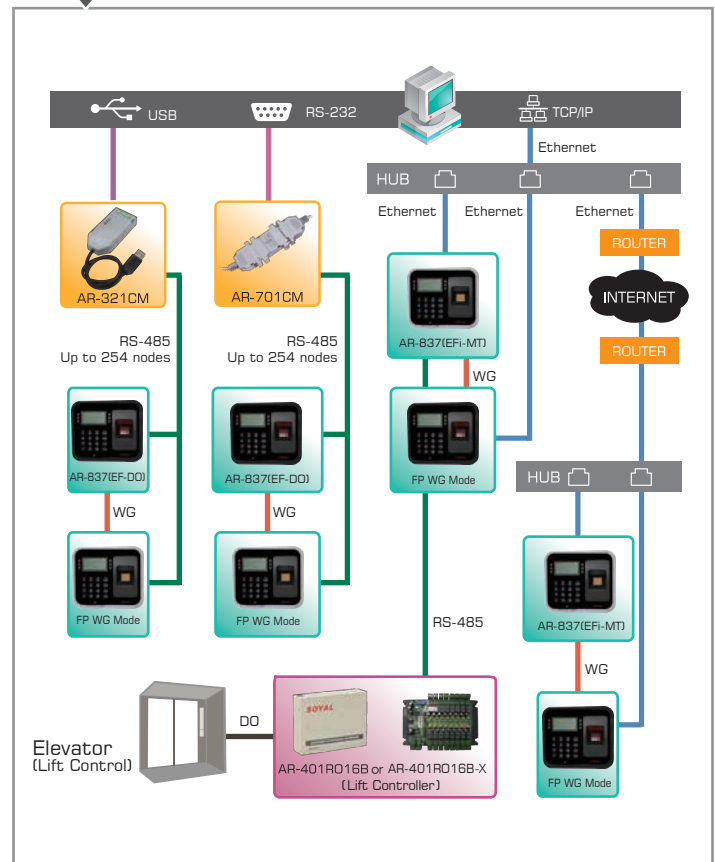


Diagram of double door control

