

AR-821 (EF-V5) LCD Fingerprint Access Controller



(Capacitive)



(Optical)

Optional Access Mode: Fingerprint / RF Tag / PIN Code

Built-in 16 set of Alarm and 120 days of Holiday setting

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

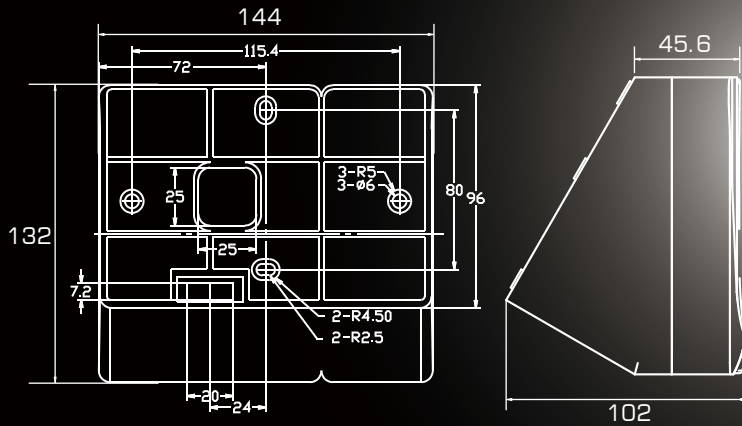
Patented Relay design can avoid the door opened by any vibration or mis-trigger

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

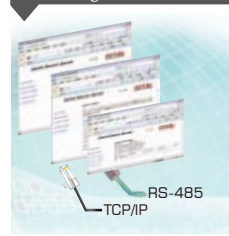
Fingerprint Sensor can option the Optical Sensor (DO) or the Capacitive Sensor (MT)



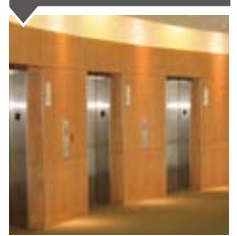
Dimensions (mm)



Networking / Time attendance



Lift Control

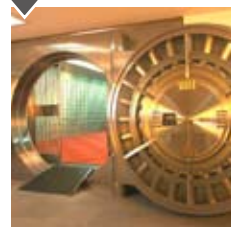


Application

Parking Management



Treasury Management



Specification

Frequency	125kHz	13.56MHz	Dual Band
Standard	EM Standard	ISO14443A Option ISO15693 DESFire PSAM NFC	EM Standard ISO14443A Option ISO15693 DESFire PSAM 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		
Baud Rate	9600 bps(N,8,1)+ 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	No		
Transistor Output	Arming LED / Alarm / Duress / WG Lock Relay / Security trigger signal		
Indicator	6 LED & 1 Beeper		
Housing Material	ABS		
Time Zone	63		
Operation Mode	Standalone/ Networking		
Fingerprint Module's CPU	400 MHz DSP		
FRR	<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)	132(L)X144(W)X102(H)		
Weight (g)	DO:470±10 / MT:420±10		

Structure

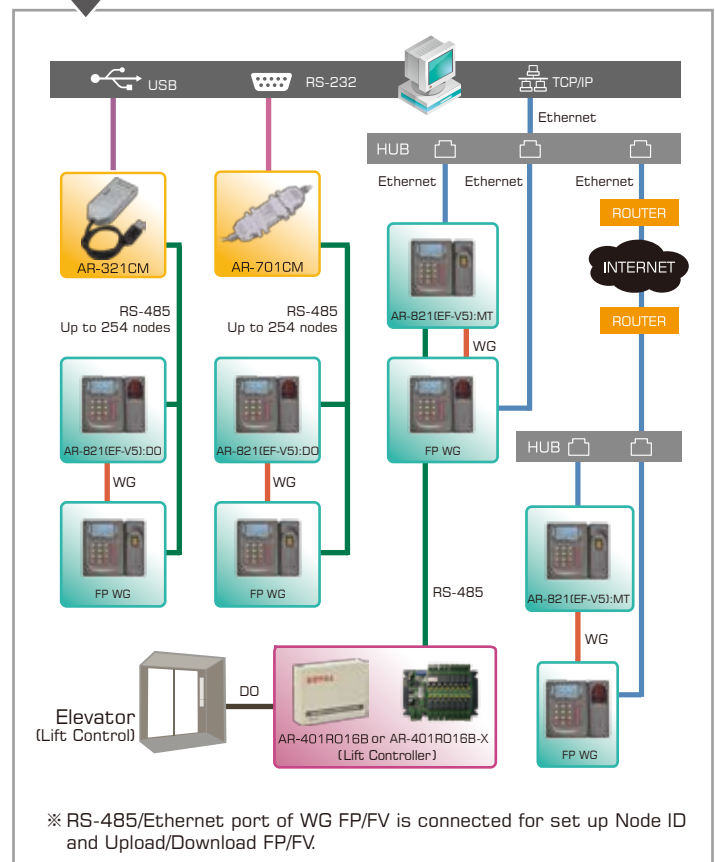


Diagram of double door control

