AR-321 (H)

Illuminated Touch-Panel & Metal Access Controller

Ingress Protection : IP56

Indicators: 3 LED and 1 beeper

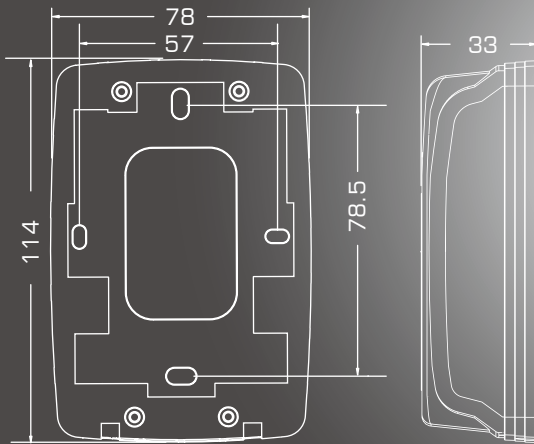Weatherproof design, can be used in any environment

TTL serial output for various application and lift control

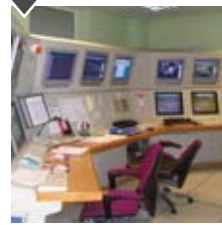Illuminated Touch-Panel design for easy operation at any dark site

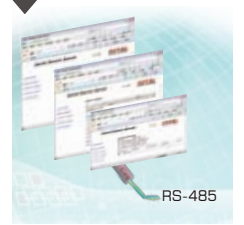Patented Relay design can avoid the door opened by any vibration or mis-trigger

RFID solutions · Proximity & Smart cards · Hardware & Software OEM/ODM Service

Dimensions (mm)

78
57
33
114
78.5

Treasury Management

Access Control

Specification

Frequency	125KHz	13.56MHz
Standard	EM Standard	ISO14443A Option ISO15693 DESFire PSAM NFC
Reading Range (Depends on Tags)	3-7cm	1-3cm
Power Supply	10-24VDC	
Power consumption	<3W	
Communication Interface	RS-485	
Baud Rate	9600 bps(N,8,1)	
Temperature	-20°C to +60 °C	
Digital Input	Egress(R.T.E.) / Door contact	
Relay Output	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	M4/M8	3,000
	M6	65,000
Event log	M4/M8	1,500
External Reader	1 Wiegand Port	
Anti-pass-back	Yes (M4/M8 Only)	
Lift Control	32 Floors, 3,000 Users	
Serial port	Yes	
LCD Panel	No	
Transistor Output	Arming LED (or Security trigger signal) / Alarm / Duress	
Ingress Protection	IP56	
Indicator	3 LED & 1 Beeper	
Keypad Material	Illuminated Touch-panel	
Housing Material	Zinc Alloy	
Time Zone	11/63(Connect to Multi-Door Networking Controller)	
Operation Mode	Standalone/ Networking	
Color	Chrome	
Dimensions (mm)	114(L)X78(W)X33(H)	
Weight (g)	290±10	

Structure

USB   RS-232   TCP/IP
Ethernet

HUB

AR-321CM   AR-701CM   AR-727CM   ROUTER
RS-485 Up to 254 nodes   RS-485 Up to 254 nodes   RS-485 Up to 254 nodes   INTERNET   ROUTER

AR-321(H)   AR-321(H)   AR-716E   AR-321(H)   HUB
Ethernet

SOYAL
AR-716Ei

RS-485 (CH1) (Up to 8 nodes)   RS-485 (CH2) (Up to 8 nodes)   RS-485 (CH1)   RS-485 (CH2)

AR-321(H)   AR-321(H)   AR-321(H)   AR-321(H)

WG   WG   WG   WG   WG   WG   WG

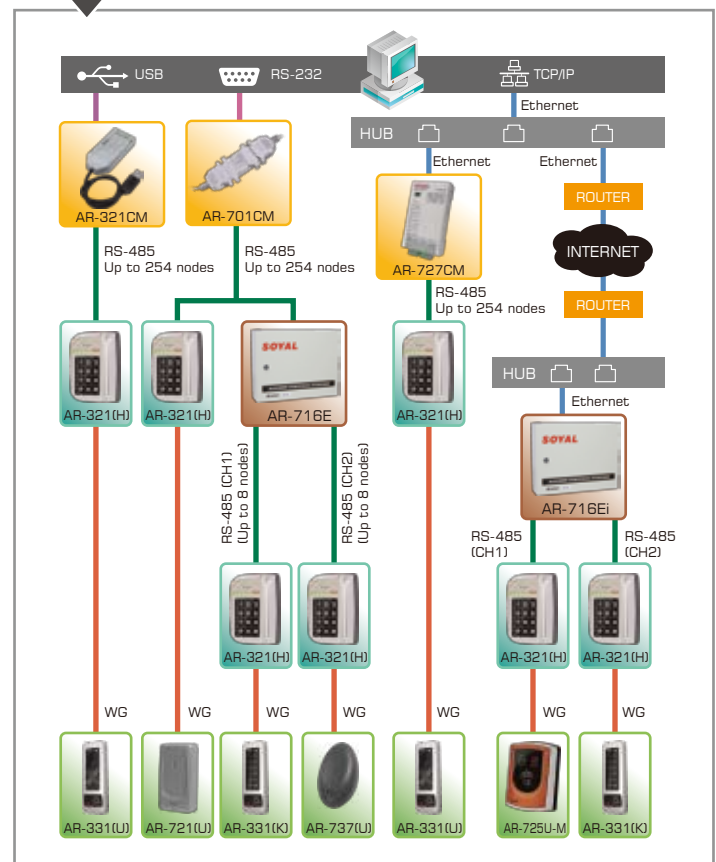AR-331(U)   AR-721(U)   AR-331(K)   AR-737(U)   AR-331(U)   AR-725U-M   AR-331(K)

Diagram of single door control

Networking

Lock Relay Output
DI
Electric Lock   Door contact

DO

AR-321(H)   Egress(R.T.E.)

DI   Exit   Entrance   AR-331(U)

Alarm   WG