SOYAL®

SilverBlack
S E R I E S

Standard
Vandal Resistant
Metal case protection with illuminated Touch-Panel keypad

Metal

AR331U

AR321H

I n s p i r e d ,
S t y l i s h ,
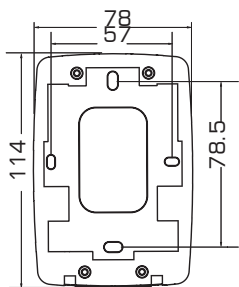R e d e f i n e d . . .

Sleek shape with metallic SilverBlack color concept further enchance modern contemporary impression of your office. Illuminated touch keypad looks cool and allow you to still see the keypad at night.

Patented anti-vibration relay ensure door remain locked during vandalism attempt to force open door by knocking hard on the reader.
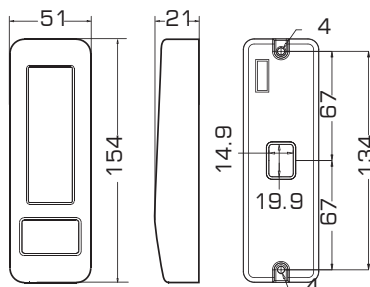
SOYAL etegra
Access Control Management Software
with integrated CCTV

CE IMA FC NCC RoHS Compliant SOR

Dimension AR321H

78
57
114
78.5
33

Dimension AR331U

51
21
4
154
14.9
67
19.9
67
134
4

SE-ACS software is available in 3 versions as follows:

SOYAL etegra

LITE	Single PC, Single RS485 or TCPIP connection, simple time attendance
PRO BASIC	Multiple PC within LAN, Multiple RS485 or TCPIP connection, CCTV picture capture up to 8 camera, advance time attendance
PRO ADVANCE	Multiple PC within LAN and internet (multi branch), Multiple RS485 or TCPIP connection, CCTV picture capture unlimited camera, advance time attendance, Emap

Clean and intuitive GUI help you search for access activity super fast

Current event log

Event info

00.08.30

Double click event log to see pictures captured for that event

Flexible time attendance to automate clocking report and monitor staff punctuality

Advance version support multiple overnight shift and flexible shift. Attendance will calculate work time, over time, late arrive and early go back.

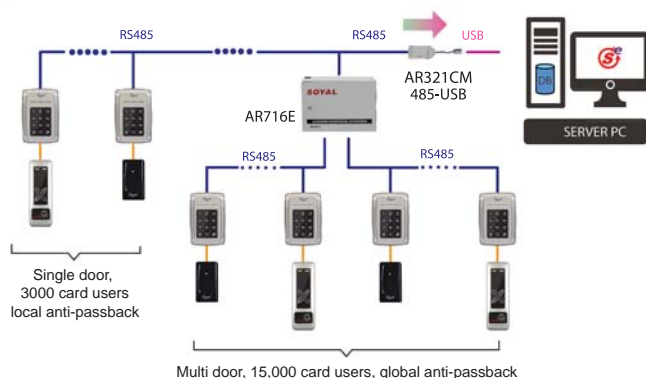**E-Map pin point threat location and helps you response to alarm faster**

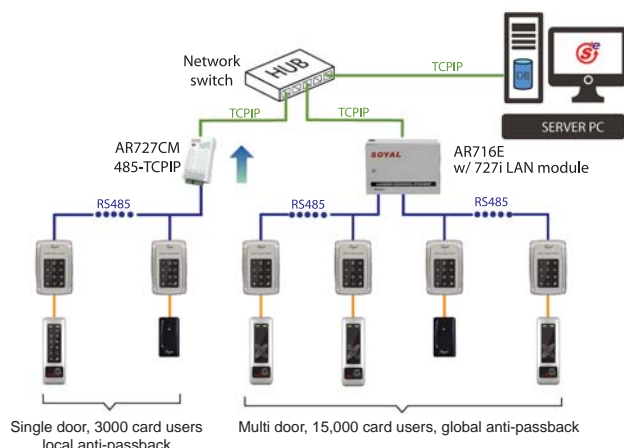E-map will automatically pop up according to alarm event.

Model	AR321H	AR321H_M
Frequency	125KHz	13.56MHz
Standard	EM Standard	Mifare ISO14443A
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	

RS485 network connection

RS485 — RS485 — USB

AR321CM 485-USB

AR716E

RS485 — RS485

SERVER PC

Single door, 3000 card users local anti-passback

Multi door, 15,000 card users, global anti-passback

TCPIP network connection

Network switch — HUB — TCPIP

TCPIP — TCPIP

AR727CM 485-TCPIP

RS485 — AR716E w/ 727i LAN module

RS485 — RS485 — RS485

SERVER PC

Single door, 3000 card users local anti-passback

Multi door, 15,000 card users, global anti-passback

Standalone connection

Slave (WG) — **Master**

Power 12V

2 wire - RS485 or 4 wire - TCPIP

Data Interface

2 wire
5 wire
2 wire
2 wire

2 wire — Alarm output

2 wire

Push button input

Alarm sensor input

2 wire

Door lock output. Connect to EM Lock, turnstiles and etc...

Tamper switch output connect to external alarm system.