ACCESS SYSTEM

AR-716E/716Ei

Multi-door Networking Controller

ACCESS CONTROL SYSTEM

SOYAL®

SOYAL AR-716E/716Ei
Multi-door Networking Controller

Features

- ☛ 2 RS-485 serial ports each port supports 8 readers.
- ☛ 2 Wiegand ports which allow connecting to 2 WG readers.
- ☛ Supports up to 16 doors each unit and allows linking up to 254 units.
- ☛ Data retains over 60 days when power failure.
- ☛ Open-all-doors function when emergency.
- ☛ Built-in watchdog to prevent the system from halting.
- ☛ Built-in Ethernet interface for LAN or WAN networking.
- ☛ Built-in power and RS-485 transmission LED indicator for signal state.
- ☛ Multi-door anti-pass-back.

Specifications

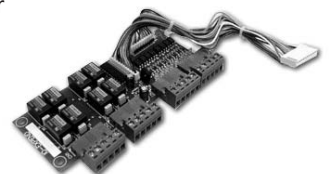| Item No.	AR-716E/716EI
User Capacity	15,000
Event Log	11,000
Power Requirement	15-24VDC
Power Consumption	< 2.5W
Communication Interface	Reader Channel : RS485*2 Host Channel : RS485 / Ethernet
Baud Rate RS-485	9600 bps (N, 8, 1)
Ethernet	10M
Environment	-20 ℃ to +75 ℃
DI Input	4+8 (AR-716E-IO)
Relay Output	4+8 (AR-716E-IO)
Max. RS-485 Reader Supported	16
Max. WG Reader Supported	2
Anti-pass Back	Yes
Door Group	255
Time Zone	63
Editing Mode	PC Software
Dimensions (mm)	180(H)*231(W)*62(D)
Weight (g)	1,840 ± 50
Housing Material	Metal
Others	UPS Function (No battery included)

AR-727i Expand Relay Board

- ☛ Built-in 10 Mbps Ethernet port and TTL Serial interface.
- ☛ Ethernet port supports TCP, DHCP, ICMP and ARP protocol.

Item No.	AR-727i
Converting Interface	10 Base T Ethernet - UART(TTL)
Baud Rate	4800 bps - 57600 bps
Power Requirement	5VDC
Power Consumption	< 0.5W
Environment	-20℃ to + 75℃
Protocol	TCP/IP, ICMP, DHCP
Dimensions	45(H)*28(W)*14(D)
Weight (g)	15

AR-716E-IO Serial Device Network Module

- ☛ AR-716E Expand Relay Board
- ☛ AR-716E Networking Controller
- ☛ 8 sets of Exit Button Input with Photo Isolation
- ☛ 8 sets of Door Relays (Form C)
- ☛ Door Relay Release time

System Architecture

TCP/IP ....
RS-485 - - - - -
RS-232 ————

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