

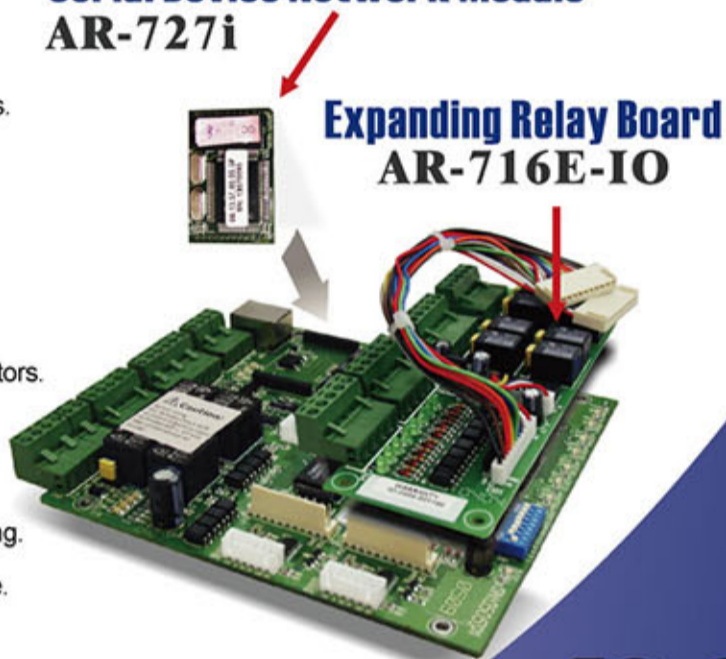
# NETWORKING CONTROLLER



## Networking Controller AR-716E

- Lockable housing prevents the violence.
- 2 RS-485 serial ports, each port supports 8 readers.
- 2 Wiegand ports for WG readers.
- 4 DI + 4 RO points for various applications.
- Changeable interface, RS485 or Ethernet.
- Expanding relay board, 8 DI + 8 RO points.
- Built-in power and RS485 transmission LED indicators.
- Open-all-doors function for emergency purposes.
- Multi-door anti-pass-back function.
- Support to time zone, door group and holiday editing.
- Data retained up to 60 days when the power failure.

## Serial Device Network Module AR-727i



**SOYAL®**

FC CE  
SOR MA  
MADE IN TAIWAN

# NETWORKING CONTROLLER

# AR-716E

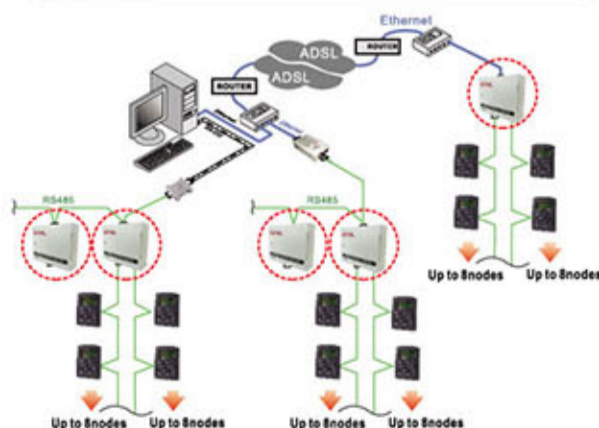
## AR-716E/AR-716Ei

\*AR-716Ei=AR-716E+AR-727i



Specification		
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°C to +75°C	
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	
Dimension (mm)	180(H)*231(W)*62(D)	
Weight (g)	1,840 ± 50	
Housing Material	Metal	
Others	UPS Function (No battery included)	

### System Architecture



### Serial Device Network Module AR-727i

- Built-in Ethernet and TTL serial interface
- TCP/IP, DHCP, ICMP and ARP support



Specification	
Converting Interface	10 Base T Ethernet ↔ UART (TTL)
Baud Rate	4800 bps - 57600 bps
Power Requirement	5VDC
Power Consumption	< 0.5W
Environment	-20°C to +75°C
Protocol	TCP/ IP, ICMP, DHCP
Dimension (mm)	45(H)*28(W)*14(D)
Weight (g)	15
Housing Material	-

### Expanding Relay Board AR-716E-IO

- Expanding Relay Board AR-716E Networking Controller
- 8 sets of Isolated Exit Button Input
- Door Relay Release Time setting via SOYAL Software



**SOYAL®**

MADE IN TAIWAN