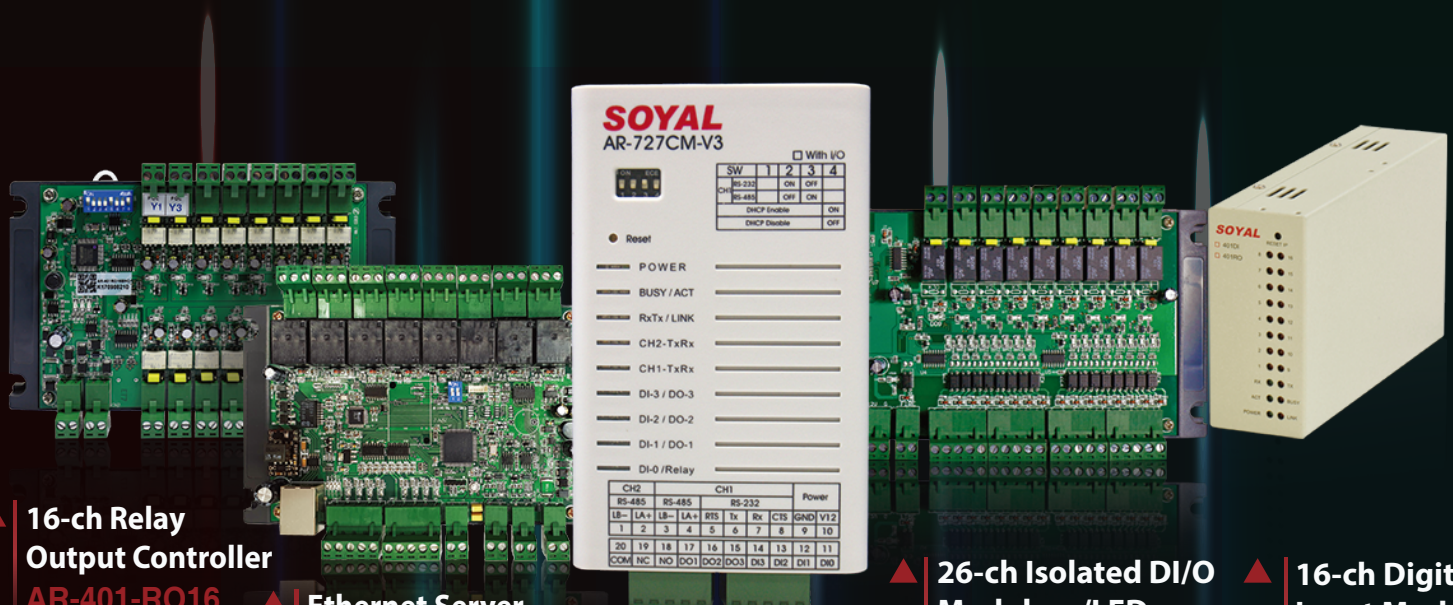


Modbus I/O SERIES



▲ **16-ch Relay Output Controller**
AR-401-RO16

▲ **Ethernet Server with 8I/8RO**
TCP ↔ WG output
AR-727CM-DI8RO8

▲ **Ethernet Server with 8I/4O**
CH1 ↔ RS-485/RS-232(Option)
CH2 ↔ RS-485
TCP ↔ WG output
AR-727CM-DI8DO4

▲ **26-ch Isolated DI/O Module w/LED**
AR-401-DI17RO9

▲ **16-ch Digital Input Module**
AR-401-DI16



▲ **Universal I/O Module**
AR-401-DI4MO4




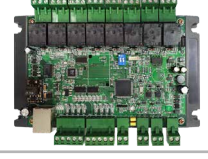
▲ **Universal I/O Module**
AR-403 Series

Mailbox Management System






- Support standard Modbus/RTU communication protocol
- Support UDP/RS-485 (CH1 & CH2) for broadcast opening doors with fire alarm system linkage
- Support standard Modbus/TCP & Modbus/RTU over TCP communication protocol


Serial-to-Ethernet Networking Server **AR-727CM Series**

Model		12-ch Isolated Digital I/O AR-727CM-DI8DO4 	16-ch Isolated Digital I/O AR-727CM-DI8RO8 	
HW.	Interface	TCP server	10/100 Mbps Base T Ethernet <--> RS485 (By order: RS232, RS232+RS485)Auto detect	10/100 Mbps Base T Ethernet <--> RS485 (By order: RS232, RS232+RS485)Auto detect
		Server port 0	Baud Rate 2400 bps - 115200 bps support TCP/Server \ TCP/Client \ UDP Mode	Baud Rate 2400 bps - 115200 bps support TCP/Server \ TCP/Client \ UDP Mode
		Server port 1	Baud Rate 2400 bps - 115200 bps support TCP/Server \ TCP/Client \ UDP Mode	Baud Rate 2400 bps - 115200 bps support TCP/Server \ TCP/Client \ UDP Mode
		WG port	Output WG 128bits maximum, supporting user defined format, auto add even parity bit and odd parity bit and various format, etc.	Output WG 128bits maximum, supporting user defined format, auto add even parity bit and odd parity bit and various format, etc.
	Power Supply	9-24 VDC,<2W	9-24 VDC,<2W	
	PoE	No	PoE option,12W/1A	
	Digital Inputs/Outputs	8 Digital Input 4 Digital Outputs: 1 Relay Output + 3 DO	8 Digital Input 8 Relay Output	
	Dimension(mm)	106.5(L)X66(W)X27.7(H)	175(L)X130(W)X30(H)	
Weight (g)	86±5	304±10		
SW.	Network/Device setting	701Server, 701ClientHTTP Web browser	701Server, 701Client,HTTP Web browser	
Common Specification	Surge Suppression : Power: 30 Volt, bi-directional avalanche breakdown device. RS485 6.5 Volt, bi-directional avalanche breakdown device. 400W peak power dissipation. Clamping time < 1 picosecond (theoretical)		Serial Buffer : 1K each channel	
	Regulatory Approval : FCC, CE, RoHs		Fuses : Power PTC 150mA / RS485 PTC 30mA	
	Storage Temperature : -25°C to +85°C		OS Supported : Windows 7/8/10, Win Server 2008/2012/2016	
	Storage Humidity : 5%~95%		Watchdog Function : Yes	
	Protocol : ModBus-TCP, ARP, IP, TCP Client, UDP, ICMP, HTTP, DHCP, NetBIOS		LED Indicator : 9 LEDs for Power, Communication	
			Operating Temperature : -20°C ~ +65°C	
			Operating Humidity : 20%~90%	





RS485 I/O Modules **AR-403 Series**

Model		 4-ch Digital Module,2I/2O AR-403-DI2MO2	 4-ch Digital Module, 2I/2O with Infrared module AR-403-DI2MO2-IR	 4-ch Digital Module,4I/4O AR-403-DI4MO4
HW.	Digital Inputs/Outputs	2 Digital Input 2 Digital Output (MOSFET)	2 Digital Input (with 1 IR) 2 Digital Output (MOSFET)	4 Digital Input 4 Digital Output (MOSFET)
Common Specification	Interface : RS-485		Baud Rate : 9600 bps (N,8,1)	
	Protocol : Modbus-RTU, Soyal		LED Indicator : Power: Tx/Rx, D.O./D.I.	
	Watchdog Function : Yes		Surge Suppression : Power: 30 Volt, bi-directional avalanche breakdown device.RS485 6.5 Volt, bi-directional avalanche breakdown device. 400W peak power dissipation. Clamping time < 1 picosecond (theoretical)	
	Fuses : Power PTC 150mA / RS485 PTC 30mA			
	Power Supply : 9-24 VDC		OS Supported : Windows 7/8/10, Win Server 2008/2012/2016	
	Network/Device setting : 701Server, 701Client		Operating Temperature : -20°C ~ +65°C	
	Storage Temperature : -25°C to +85°C		Operating Humidity : 20%~90%	
	Storage Humidity : 5%~95%		Regulatory Approval : FCC, CE, RoHs	
Dimension(mm) : 60(L)x43(W)x20(H)		Weight (g) : 31±5		

Infrared Module **AR-403-IR1**

Model			
Common Specification	LED Indicator : Red LED indicate DO active 1 DO infrared output		
	Digital Inputs/Outputs : 1 Digital Output (IR)	Watchdog Function : Yes	
	Reading range : 3~6cm, 7~9cm, 10~15cm	Power Supply : 9-24 VDC or DC 0V	
	Power Consumption : <0.5W	Dimension(mm) : 60(L)x43(W)x20(H)	
	Weight (g) : 28±5	Operating Temperature : -20°C ~ +65°C	
	Storage Temperature : -25°C to +85°C	Operating Humidity : 20%~90%	
	Storage Humidity : 5%~95%	Regulatory Approval : FCC, CE, RoHs	

RS485 I/O Modules **AR-401 Series**

Model	 8-ch Digital Module, 4I/4O AR-401-DI4MO4	 16-ch Digital Input Module AR-401-DI16	 16-ch Relay Output Controller AR-401-RO16	 26-ch Isolated Digital Input/Output Module w/LED AR-401-DI17RO9	
HW.	Interface	RS485	RS485 / 10/100 Mbps Base T(option)	RS485 / 10/100 Mbps Base T(option)	RS485
	LED Indicator	Power: Tx/Rx, D.O./D.I.	Power: Tx/Rx Input: Close/Open/Break	Power: Tx/Rx, Relay On/Off	26 LEDs: Power, Tx/Rx, Input: Close/Open, Relay: On/Off
	Digital Inputs/Outputs	4 Digital Input 4 Digital Output (MOSFET)	16 Digital Input (sink type)	16 Relay Output(Form C)	17 Digital Input 9 Relay Output(Form C)
	Power Consumption	<1W	<1W	<8W	<4W
	Dimension(mm)	48(L)x35(W)x24(W)	97(L)x44(W)x180(H)	PCB: 150(L)x100(W)x20(H) With mounting base: 175(L)x100(W)x20(H) Metal Box: 180(L)x231(W)x62(H)	PCB: 120(L)x190x20(H) With mounting base: 97(L)x44(W)x225(H)
	Weight (g)	24±5	600±10(PCB only)	1780±10(PCB only)	455±10(PCB only)
	Isolation	—	—	—	Optical 5kv
Common Specification	Baud Rate : 9600 bps (N,8,1)		Protocol : Modbus-RTU, Soyal		
	Watchdog Function : Yes		Surge Suppression : Power: 30 Volt, bi-directional avalanche breakdown device.RS485 6.5 Volt, bi-directional avalanche breakdown device. 400W peak power dissipation. Clamping time < 1 picosecond (theoretical)		
	Fuses : Power PTC 150mA / RS485 PTC 30mA				
	Power Supply : 9-24 VDC				
	OS Supported :Windows 7/8/10, Win Server 2008/2012/2016		Operating Temperature : -20°C ~ +65°C		
	Network/Device setting : 701Server, 701Client		Operating Humidity : 20%~90%		
	Storage Temperature : -25°C to +85°C		Regulatory Approval : FCC, CE, RoHs		
Storage Humidity : 5%~95%					