Reader Module

	AR-183-UD RS485 Reader Module	G3-Module USB Reader Module
		
Power Supply	12-24VDC	5VDC
Power consumption	<1W	<1W
Frequency	13.56MHz	13.56MHz
Baud Rate	9600bps[N,8,1]	9600bps[N,8,1]
Communication Interface	RS-485	USB2.0 Virtual COM Port
Supported Tag	MIFARE	MIFARE
Standard	ISO14443A	ISO14443A
Indicator	4 LED & 1 Beeper	1 LED & 1 Beeper
I/O	1[DI]	2[DI]/2[DO]
Dimension (mm)	58(H)X90(W)X20(D)	69(H)X39(W)X10(D) USB line length :100cm
Net Weight(g)	approx.32	approx.57

Ethernet Module

	DMOD-POE1204B AR-716-E16 Dedicated TCP/IP TCP/IP Module + Built-in PoE (PD 30W)	DMOD-NETMA16 AR-716-E16 Dedicated TCP/IP Networking Module	DMOD-NETMA11 E Series Controller TCP/IP Module (Supports external PoE module output)	DMOD-NETMA08 E-Series TCP/IP Module (Does not support external PoE module)	AR-727i-V3 Bidirectional Serial to Ethernet UART to TCP/IP
					
Frequency	SPI	SPI	SPI	10/100M Base T Ethernet <--> SPI	10/100M Base T Ethernet <--> UART(TTL)
Power Supply	3.3VDC	3.3VDC	3.3VDC	3.3VDC	5VDC
Power consumption	<0.5W	<0.5W	<0.5W	<0.2W	<0.5W
Protocol	IEEE802.3at and IEEE802.3af	IEEE 802. 3x	IEEE 802. 3x	ARP, IP, TCP Client, UDP, ICMP, HTTP, DHCP,NetBIOS, SNMP V1,V2,V3	ARP, IP, TCP Client, UDP, ICMP, HTTP, DHCP,NetBIOS, SNMP V1,V2,V3
Baud Rate	—	—	—	4800bps-115200bps	
Dimension (mm)	57(H)X35(W)X20(D)	38.5(H)X20(W)X7(D)	38.5(H)X20(W)X7(D)	48(L)X20(W)X8(H)	52(H)X30(W)X14(D)
Net Weight(g)	approx. 25.6	approx. 20	approx. 20	approx. 20	approx. 15
Temperature	-20°C ~ +70°C				
Compatible Controller	-DMOD-POE1204B / DMOD-NETMA16 / AR-727i-V3 = for AR-716-E16 -DMOD-METMA11/08 = for Enterprise Series Access Controller				
Other	PoE Output Power: 12VDC / 24W	—			

Relay Output Module

	AR-721RB Delay Type Relay	AR-821RB Single-Pole Output Relay	AR-829RB Double-Pole Output Relay
			
Trigger Method	Negative Trigger	Negative Trigger	Positive /Negative Trigger
Control Method	TTL	ON/OFF	ON/OFF
Voltage	12VDC		
Power Consumption	40mA	40mA	40mA
Output Contact	1 Form C, 12A at 125VAC 7A at 250VAC 7A at 30VDC	1 Form C, 12A at 125VAC 7A at 250VAC 7A at 30VDC	2 Form C, 1A at 120VAC 2A at 24VDC
Operating Temperature	-20°C ~ +70°C		
Dimension (mm)	33.6(H)X47.8(W)X22.6(D)	20(H)X32(W)X29(D)	55(H)X25(W)X17.5(D)
N.W.(g)	約40	約20	約30

Latching Power Relay(with 2 Form A Contacts)

AR-816RB



Model No.		Power Monitoring Type (AR-816RB-V)	Contact Monitoring Type (AR-816RB-C)
Control Method		Forward and Reverse Control	
Contact Position Feedback	ON	Relay contacts are in the ON position and AC IN contacts are carrying 110~240V	Relay contacts are in the ON position
	OFF	Relay contacts are in the OFF position	Relay contacts are in the OFF position
Operating Power Supply		DC12V / 200mA	
Contact Load		1 Form A / 35A / 250VAC x2	
Installation Method		DIN 35	
Operating Temperature		-20°C ~ +70°C	
Dimension (mm)		105(H)X55(W)X45(D)	
N.W.(g)		約153	

- DC Control / Near Zero Energy Consumption (Essential for ESG Offices)
- Real-time Status Feedback with Contact Position and Power Supply Status

Smart Meter

AR-981M



Baud Rate	9600bps
Protocol	Modbus-RTU
Resolution	0.1kWh
Pulse Output	3200imp/kWh
Phase	1 phase 3 Wire
Nominal Voltage Rating	100~240V
Test Current	10A
Amp Rating	50A
Maximum Allowable Wire Diameter (mm)	30
Dimension (mm)	105(H)X55(W)X45(D)

Magnetic Door Sensor

AR-MS-101-A
AR-MS-101-C



Contact Type	AR-MS-101-A	AR-MS-101-C
Contact	2 PIN	3 PIN
Sensing Distance	15MM - 25MM	
Contact Capacity	1VA	
Maximum Switching Voltage	24Vdc	
Maximum Switch Current	0.1A	
Maximum Powered Current	0.3A	
Housing Material	ABS	
Color	Beige / Brown	
Dimension (mm)	12(H)X63.6(W)X14.5(D)	
Operating Temperature	-20°C ~ +70°C	