

Mini Dual-Band Controller/Reader/PB/Module

AR-101(H) / AR-101(U) / AR-101PBI / AR-401IR/403MO/405MO



Keyless Edit
AR-101H



Bi-Color Edge Indicator
AR-101H/AR101U



Small Size
AR-101H/AR101U



Watchdog
AR-101H



Adjustable Reading Range
AR-401IR



Infrared Detection
AR-401IR/AR-405MO



Mini Dual-Band Controller/Reader/PB/Module

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Mini Proximity Controller

AR-101(H)



Specification		
Frequency		13.56MHz
Support protocol		MIFARE / DESFire / I-Code (ISO14443A / ISO7816-4)
Communication Interface	UART Protocol	RS-485/9600 bps(N,8,1)
	WG Input	WG 26/34~64 (For WGKEYBOARD operation)
Working Range (Depending on Tag)		1~3cm
Power Supply		9~24VDC
Power consumption		<1W
Operating Temperature		-20°C TO +65°C
Input		1 Egress(R.T.E.) / 1 Door contact
Output		Lock/ Alarm/ Security trigger signal
Lock Relay Time		ON/OFF Toggle mode or 0.1~600 Sec
Alarm Time		ON/OFF Toggle mode or 1~600 Sec
Indicator		1 Bi-Color Edge LED & 1 Beeper
Appearance	Keypad Material	For WGKEYBOARD operation (AR-WG-KEYBOARD)
	Housing Material	ABS (Optional: Mounting Panel – DMET-PB/DPLA-PB)
	Color	Black Panel
	Dimensions(mm)	37(L) x 37(W) x 31(H)
Weight(g)		26±10

Features

User Capacity	1,024
Even log	1,200
Anti-pass-back	Yes (M4/M8 Only)
Lift Control	32 floors, 1,024 Users
Real Time Clock	Yes
Time Zone	11
Operation Mode	Standalone/ Networking

Touch-less Infrared Sensor Module

AR-101PBI



Detection Distance	5-30cm(With power free push button)
Power Supply	9~24VDC
Current	12VDC@75mA max. during activation
Contact	1From C(3A / DC 30V / AC 30V)
Operating Temperature	-20 °C ~ +65 °C
Life-span	Approx. 500,000 times(1A~0.03A/DC 30V)
Luminous Indicator	GR : Green&Red / BR : Blue&Red
Dimension(mm)	37(L)X37(W)X31(H)

Mini Proximity Reader

AR-101(U) *Dual Band Available

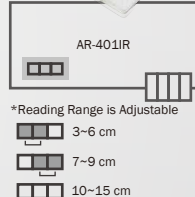


Frequency	125kHz	13.56MHz
Power Supply	9-24VDC	
Support protocol	EM Standard	MIFARE / DESFire / I-Code (ISO14443A / ISO7816-4)
Reading Range (Depending on tag or card)	3-5cm	1-3cm
Read/Write	Read Only	Read/Write
Power Consumption	<1W	
Communication Interface	UART Protocol	RS-485/9600 bps(N,8,1)
	WG Input	WG 26/34~64 (For WGKEYBOARD operation)
Operating Temperature	-20 °C to +65 °C	
Indicator	1 Bi-color LED & 1 Beeper	
Keypad Material	For WGKEYBOARD operation (AR-WG-KEYBOARD)	
Ingress Protection	NO	
Housing Material	ABS (Optional: Mounting Panel - DMET-PB/DPLA-PB)	
Color	Black	
Dimension(mm)	37(L)X37(W)X31(H)	
Weight(g)	26±10	

Infrared Sensor Module

AR-401IR

Power Supply	9-24VDC
Power Consumption	<0.5W
I / O	1 DO (IR output)
Operating Temperature	-20 °C to +65 °C
Reading Range	3~15cm(Option)
Indicator	DO : RED LED
Dimension(mm)	60(L) x 43(W) x 20(H)



Infrared I/O Module for Mailbox

AR-402MO/403MO/405MO



Model Name	AR-402MO	AR-403MO	AR-405MO
Power Supply	9-24VDC		
Power Consumption	<1W		
Communication Interface	RS-485/9600 bps(N,8,1)		
Indicator	Power , TX/RX , D.O./D.I.		
I / O	2DO / 2DI	4DO / 4DI	2DO / 2DI
Infrared module	No	No	Yes
Protocol	SOYAL or Modbus-RTU		
Operating Temperature	-20 °C to +65 °C		
Dimension(mm)	60(L) x 43(W) x 20(H)		
Weight(g)	31±5		

Dimension(mm)

