

# Mini Dual-Band Controller/Reader/Module

AR-101(H) / AR-101(U) / AR-401MO

Stainless steel Panel ▶

AR-MMET-PB



▲ Mini RS485  
Access Controller/Reader  
AR-101(H)/AR-101(U)

▲ Mini I/O Module  
AR-401MO



**Keyless Edit**  
AR-101H



**Bi-Color Edge Indicator**  
AR-101H/AR101U



**Small Size**  
AR-101H/AR101U



**Apply to EU/US Panel**  
AR-101H/AR101U



**Watchdog**  
AR-101H



**Multi-IO**  
AR-401MO



# Mini Dual-Band Controller/Reader/Module

## AR-101(H) / AR-101(U) / AR-401MO

### Mini Proximity Controller

#### AR-101(H)



Frequency	125kHz	13.56MHz
Standard	EM Standard	·ISO14443A (Optional) ·MIFARE ·DESFire
Reading Range (Depending on tag or card)	2-5 cm	1-3 cm
Power Consumption	<1W	
Communication Interface	RS-485/9600 bps(N,8,1)	
Ethernet	No	
Serial Port	No	
Digital Input	1 Egress(R.T.E.) / 1 Door contact	
Operating Temperature	-20 °C to +60 °C	
Relay Output	No	
Transistor Output	Lock/ Alarm/ Security trigger signal	
Tamper Switch	No	
Alarm Time	Toggle, 1-600 Sec.	
User Capacity	1,024	
Event Log	1,200	
WG Input	FOR WGKEYBOARD operation	
Anti-pass-back	Yes (M4/M8 Only)	
Lift Control	32 Floors, 1,024 Users	
Time Zone	11	
Power Supply	9~24VDC	
Indicator	1 Bi-Color Edge LED & 1 Beeper	
Real Time Clock	Yes	
Keypad Material	No	
Housing Material	ABS (Optional: Stainless Steel)	
Color	Black Panel	
Dimension(mm)	37(L) x 37(W) x 31(H)	
Weight(g)	26±10	

### Mini Proximity Reader

#### AR-101(U)



Frequency	13.56MHz	13.56MHz+125kHz
Power Supply	9-24VDC	
Standard	EM Standard	·ISO14443A (Optional) ·MIFARE ·DESFire
Reading Range (Depends on Tags)	2-5cm	1-3cm
Read/Write	Read Only	Read/Write
Supported Targe	EM 4001	MIFARE Ultra Light(10)
Power consumption	<1W	
Interface	Wiegand 26/34	
Baud Rate	9600 bps(N,8,1)	
Temperature	-20 °C to +60 °C	
Keypad	No	
Indicator	1 Bi-color LED & 1 Beeper	
Waterproof	NO	
Housing Material	ABS	
Color	Black	
LED	Green/Red	
Dimension(mm)	37(L)X37(W)X31(H)	
Weight(g)	26±10	

### 4DI/4DO Module

#### AR-401MO



Power Supply	9-24VDC
Power Consumption	<1W
Communication Interface	RS-485
Channel	4DI/4DO
Indicator	POWER : RED LED LED1 RS485 TxRx : LED2 Dual color GREEN(Rx) & RED(Tx) LED D01 ~ D04 : GREEN LED 4 ~ 7 D11 ~ D14 : RED LED 8 ~ 11 Protocol : SOYAL PROTOCOL / MODBUS

## Dimension(mm)

