

AR-727 (H-V5)



Notice

- 1.Tubing: The communication wires and power line should NOT be bound in the same conduit or tubing.
- 2.Wire selection: Use AWG 22-24 Shielded Twist Pair to avoid star wiring ,CAT 5 cable for TCP/IP connection
- 3.Power supply: Don't equip reader and lock with the same power supply. The power for reader may be unstable when the lock is activating, that may make the reader malfunction.

The standard installation: Door relay and lock use the same power supply, and reader use independent power supply.

Connector Table O More details please go download by www.soyal.com

Cable: P1							
Wire Application	Wire	Color	Description				
Lock Relay	1	Blue White	(N.O.)DC24V1Amp				
	2	Purple White	(N.C.)DC24V1Amp				
Lock Relay COM	ock Relay COM 3 White		(COM)DC24V1Amp				
Door Contact	Door Contact 4 Orange		Negative Trigger Input				
Exit Switch	xit Switch 5 Purple		Negative Trigger Input				
Alarm Relay	6	Gray	DC24V1Amp				
Power	7	Thick Red	DC 12V				
	8	Thick Black	DC 0V				

Main PCB

Cable: P2

Wire Application	Wire	Color	Description			
Beeper	1	Pink	Beeper Output 5V/100mA, Low			
	2	Yellow	Red LED Output 5V/20mA, Max			
	3	Brown	Green LED Output 5V/20mA, Max			
Door Output	4	Blue White	Transistor Output Max. 12V/100mA			
	4		(Open Collector Active Low)			
Miccord	5	Thin Green	Wiegand DAT: 0 Input			
Vilegariu	6	Thin Blue	Wiegand DAT: 1 Input			
WG Door Contact 7 0		Orange	Negative Trigger Input			
WG Exit Switch	8	Pumle	Negative Trigger Input			

Cable: P6

Wire Application	Wire	Color	Description		
Power	1	Red	DC 12V Output		
Security trigger signal	Security trigger signal 2		Security trigger signal Output		
Arming	3	Red White	Arming Output		
Duress	4	Yellow White	Duress Output		

Cable: P7 CN11(Optional:Lift Control w/ AR-725L485) / P9 CN9

Wire Application	Wire	Color	Description	
TTL Port	1	Black	DC 0V	
	2	Yellow	TX	
	3	White	TE	
	4	Orange	RX	
	5	Red	DC 5V	
	6			

Cable: CN18 (Optional:HID ProxII RF Module)

Wire Application	Wire	Color	Description		
HID RF Module	1	Orange	ANT 1		
	2	Purple	ANT 2		
	3	Black	DC 0V		
	4	Red	DC 5V		
	5	Blue	Wiegand DAT: 1 Input		
	6	Green	Wiegand DAT: 0 Input		
	7	White			

Cable: P3

Wire Application	Wire	Color	Description				
	1						
	2						
TCP/IP Output	3	Orange White	Net - TX+				
	4	Orange	Net - TX-				
	5	Green White	Net - RX+				
	6	Green	Net - RX-				
	7						

Cable: P4	Cable:P5						
Wire Application	Wire	Color	Description	Wire Application	Wire	Color	Description
RS-485 for Lift	1	Thick Green	RS-485(B-)	Anti-Tamper	1	Red	N.C.
Controller	2	Thick Blue	RS-485(A+)	Switch	2	Orange	COM
					3	Yellow	N.O.

LCD Access Controller

ROHS SOR FC (E MA NINCC

V140701





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LCD Access Controller

BOHS SOR FC CE MA NUNCC

V140701



