R Series Reader

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The R Series readers are					Color
proximity readers, with bu anti-tamper, it is an ideal					Red
attractively designed with					Black
models (R11, R12, R14 a				,	Green
					White
2. Specifications					Brown
Model	R11	R12	R14	R15	Yellow
Operation Voltage	9~24V DC				(Remarks: Brow
Standby Current	≤25mA				Connection Dia
Frequency	125KHz and	13.56MHz			Connection Di
Card Type		A & HID Card Mifare Card		Compatible)	
Read Range	Up to 2.8 inc	hes (7cm)			(4
Output Format	26 bits Wieg 26~37 bits a				
Operating Temperature	-40°C~60°C	(-40°F~140°F	=)		
Operating Humidity	10% to 95%	RH			
Color	Black (White optional)				
Index of Protection	IP66				
Dimension(H x W x T)	103x48x20 mm	103x48x20 mm	120x48x20 mm	120x76x20 mm	
Net Weight	100g	100g	120g	150g	
Shipment Weight	150g	150g	170g	200g	Read
					4. Functions Ta
 Installation Drill 2 holes (A, C) on th for the screws and one h 				Wall	Read Card
 for the cable Knock the rubber bungs holes (A, C) 	to the			35mm E	External LED Control
 Fix the back cover on th with 2 screws 				B:010mm	External Buzzer Control
 Thread the cable though 	n the			€▼ C:∲5mm	

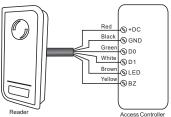
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Function	Notes
Power	+DC (9-24V DC)
GND	Ground
D0	Data 0
D1	Data 1
LED	Green LED Light Control
Buzzer	Buzzer Control
	Power GND D0 D1 LED

marks: Brown and Yellow wires are optional connections)

nnection Diagram



The LED light will turn into Green, and the buzzer sounds a beep, at the meantime, the reader outputs the Wiegand

When the input voltage for LED is low, the LED will turn into

When the input voltage for Buzzer is low, the Buzzer will

Wiegand 26~37 bits range available for R Series readers,

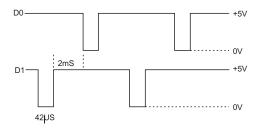
factory default setting is Wiegand 26 bits. HID card can output Wiegand 26~37 bits automatically, EM and Mifare

cards are forced to output based on the reader setting

5. Data Signal

Description	R Series Reader Typical Time
Pulse Width Time	42 µS
Pulse Interval Time	2 mS

The above table shows the wave form of pulse width time (the duration of a pulse) and pulse interval time (the time between pulses) of the Wiegand data output from the readers. (Example 1010)



Packing List

Name	Quantity
Reader	1
Manual	1
Screw Driver	1
Wall Fixing Plugs	2
Self Tapping Screws	2

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User Manual

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