KR Series Wiegand Readers

KR100 E/M   KR101 E/M   KR300 E/M   KR200 E/M

KR102 E/M   KR202 E/M   KR201 E/M

Product Description

The KR Series is the main accessories line of external wiegand readers for all our access control devices. With an elegant and robust design, they are easy to connect and install, and offer the possibility to control one door from both sides. The LED lights indicate allowed or denied access. They have a proximity reading range of up to 10cm in the E series case and up to 5cm in the M series case. The fact that this series is waterproof, and the operating temperatures can range from -20º to +65º, it is the ideal solution for outdoor installation. Also they can be connected with our C3 controllers.
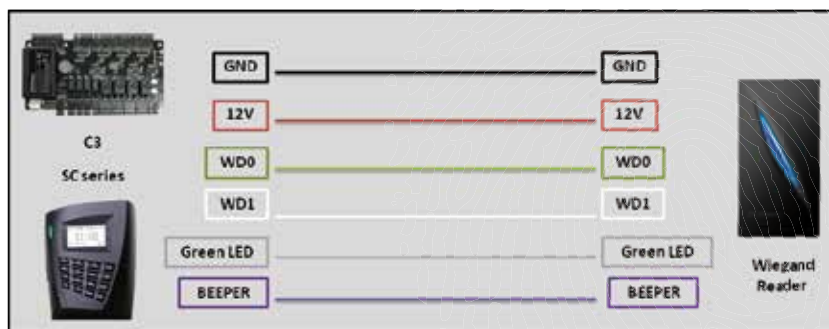
Features

✔ Easy to install

✔ 125KHz Proximity/13.56MHz Mifare Card Reader

✔ Read Range: Up to 10CM(125KHz)/5CM(13.56MHz)

✔ 26/34bit Wiegand (default)

✔ Easy to install on Metal Door Frame or Mullion

✔ External LED Control

✔ External Buzzer Control

✔ Indoor / Outdoor Operation

✔ Solid Epoxy Injection

✔ Waterproof IP65

✔ Reverse Polarity Protection

✔ Elegant and robust design

KR Series Wiegand Readers

Specifications

Model	KR100E/M	KR101E/M	KR102E/M	KR200E/M	KR201E/M	KR202E/M	KR300
Read Range	KR100E Up to 10 CM KR100M Up to 5 CM	KR101E Up to 10 CM KR101M Up to 5 CM	KR2102E Up to 10 CM KR102M Up to 5 CM	KR200E Up to 10 CM KR200M Up to 5 CM	KR201E Up to 10 CM KR201M Up to 5 CM	KR202E Up to 10 CM KR202M Up to 5 CM	Up to10CM
Reading time (Card)	≤ 300 ms	≤300ms	≤300ms	≤300ms	≤300ms	≤300ms	≤300ms
Power	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA	DC 6-14V / Max.70mA
Input Port	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)
Output Card Format	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)	26bit Wiegand (E) 34bit Wiegand (M)
Output Pin Format			8 bits			8 bits	
LED indicator	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)
Beeper	yes	yes	yes	yes	yes	yes	yes
Operating temperature	"-20° to +65°C"	"-20° to +65°C"	"-20° to +65°C"	"-20° to +65°C"	"-20° to +65°C"	"-20° to +65°C"	"-10° to +70°C"
Operating Humidity	10% to 90% (relative humidity non-considered)	10% to 90% (relative humidity non-considered)	10% to 90% (relative humidity non-considered)	110% to 90% (relative humidity non-considered)	10% to 90% (relative humidity non-considered)	10% to 90% (relative humidity non-considered)	10% to 90% (relative humidity non-considered)
Color	Black	Black	Black	Black	Black	Black	Black
Material	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture
Dimension: (WxHxT) mm	116x75x17.3	77.5x42.8x16.5	86x86x16.3	86x86x16.8	84.5x44x16.8	87x86x22.4	77,5x42,8x16.5
Weight	120g	50g	120g	110g	55g	126g	50g
Index of Protection	IP65	IP65	IP64	IP65	IP65	IP64	IP65

Connectivity diagram