

KR Series Wiegand Readers



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 -20° to +65°, it is the ideal solution for outdoor installation. Also they can be connected with our C3 controllers.

Features

- Easy to install
- \checkmark 125KHz Proximity/13.56MHz Mifare Card Reader
- \checkmark Read Range: Up to 10CM(125KHz)/5CM(13.56MHz)
- \checkmark 26/34bit Wiegand (default)
- \checkmark Easy to install on Metal Door Frame or Mullion
- \checkmark External LED Control
- External Buzzer Control
- \checkmark Indoor / Outdoor Operation
- \checkmark Solid Epoxy Injection
- \checkmark Waterproof IP65
- \checkmark **Reverse Polarity Protection**
- Elegant and robust design

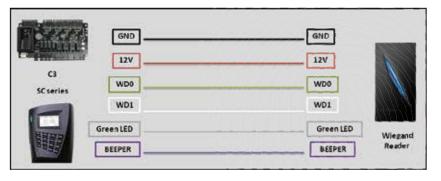
KR Series Wiegand Readers



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			
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)			
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)			
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)			
Beeper	yes	yes	yes	yes	yes	yes	yes
Beeper Operating temperature	yes "-20° to +65°C"	yes "-20° to +65°C"	yes "-20° to +65°C"	yes "-20° to +65°C"	yes "-20° to +65°C"	yes "-20° to +65°C"	yes "-10° to +70°C"
Operating temperature	"-20° to +65°C" 10% to 90% (relative humidity	"-20° to +65°C" 10% to 90% (relative humidity	"-20° to +65°C" 10% to 90% (relative humidity	"-20" to +65"C" 110% to 90% (relative humidity	"-20° to +65°C" 10% to 90% (relative humidity	"-20° to +65°C" 10% to 90% (relative humidity	"-10° to +70°C" 10% to 90% (relative humidity
Operating temperature Operating Humidity	"-20" to +65"C" 10% to 90% (relative humidity non-considered)	"-20" to +65"C" 10% to 90% (relative humidity non-considered)	"-20° to +65°C" 10% to 90% (relative humidity non-considered)	"-20° to +65°C" 110% to 90% (relative humidity non-considered)	"-20" to +65"C" 10% to 90% (relative humidity non-considered)	"-20" to +65"C" 10% to 90% (relative humidity non-considered)	"-10° to +70°C" 10% to 90% (relative humidity non-considered)
Operating temperature Operating Humidity Color	"-20° to +65°C" 10% to 90% (relative humidity non-considered) Black	"-20" to +65"C" 10% to 90% (relative humidity non-considered) Black	"-20° to +65°C" 10% to 90% (relative humidity non-considered) Black	"-20" to +65"C" 110% to 90% (relative humidity non-considered) Black	"-20° to +65°C" 10% to 90% (relative humidity non-considered) Black	"-20" to +65"C" 10% to 90% (relative humidity non-considered) Black	"-10° to +70°C" 10% to 90% (relative humidity non-considered) Black
Operating temperature Operating Humidity Color Material	"-20" to +65"C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-20" to +65"C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-20° to +65°C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-20" to +65"C" 110% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-20" to +65"C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-20° to +65°C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture	"-10° to +70°C" 10% to 90% (relative humidity non-considered) Black ABS+PC with texture

Connectivity diagram



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