

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 -20° to +65°, 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



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 to 10CM |
| 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



MySolutions Inc.

Authorized Distributor of
ZKTeco Products in the Philippines
2F 201 Del Monte Ave. Brgy. Masambong QC
Tel: (02) 365-8488 | (02) 367-8188 | (02) 257-7696 to 99
Email: marketing@mysolutions.ph

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