LEGIC Wiegand Readers

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 from 2cm to 8cm. They include LEGIC SM4200 chip which offers compatibility with multiple proximity cards like Mifare, ICODE, TI-Tagit, Sony Felica, HID iClass and much more. 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.

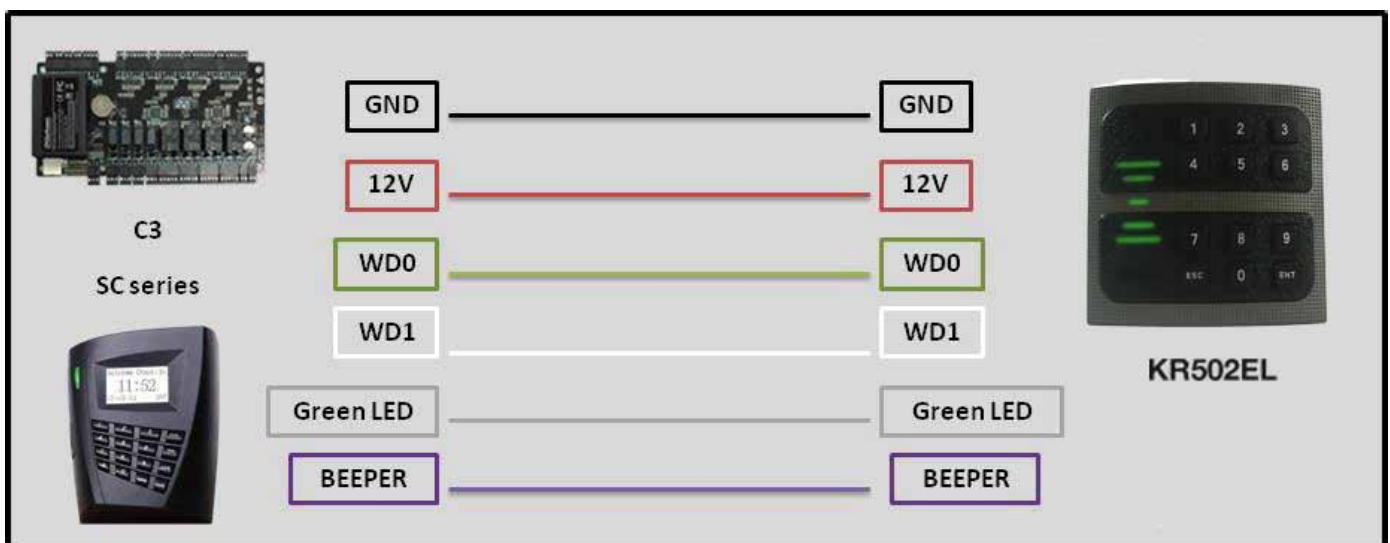KR501EL   KR502EL

Features

✓ 13.56 MHz Mifare card readers.

✓ Read range: from 2CM to 8CM.

✓ Wiegand 34 by default.

✓ External LED and Buzzer control.

✓ Indoor/Outdoor operation (Waterproof)

✓ Reverse Polarity Protection.

✓ LEGIC SM4200 Chip.

✓ Card-Reading Type: Mifare, ICODE, TI-Tagit, SONY Felica, HID iClass, INSIDE Contactless,

ISO-14443A, ISO-14443B and ISO-15693.

Specifications

Model	KR501EL	KR502EL
Read Range	2CM to 8CM	2CM to 8CM
Reading Time (Card)	=<200ms	=<200ms
Power/Current	DC 7-16V / Max.110mA	DC 7-16V / Max.110mA
Input Port	2ea (External LED Control, External Buzzer Control)	2ea (External LED Control, External Buzzer Control)
Output Format	34bits Wiegand (Default)	34bits Wiegand (Default)
LED Indicator	2 Color LED Indicators (Red and Green)	2 Color LED Indicators (Red and Green)
Beeper	Yes	Yes
Operating Temperature	-20ºC to 65ºC	-20ºC to 65ºC
Operating Humidity	10% to 90% Relative humidity non-condensing	10% to 90% Relative humidity non-condensing
Color	Black and Grey	Black and Grey
Material	ABS+PC with texture	ABS+PC with texture
Size	86x86x16mm (WxHxD)	86x86x20mm (WxHxD)
Weight	110g	150g
Index of Protection	IP65	IP64

Connectivity diagram