

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



KR501EL



KR502EL

## Features

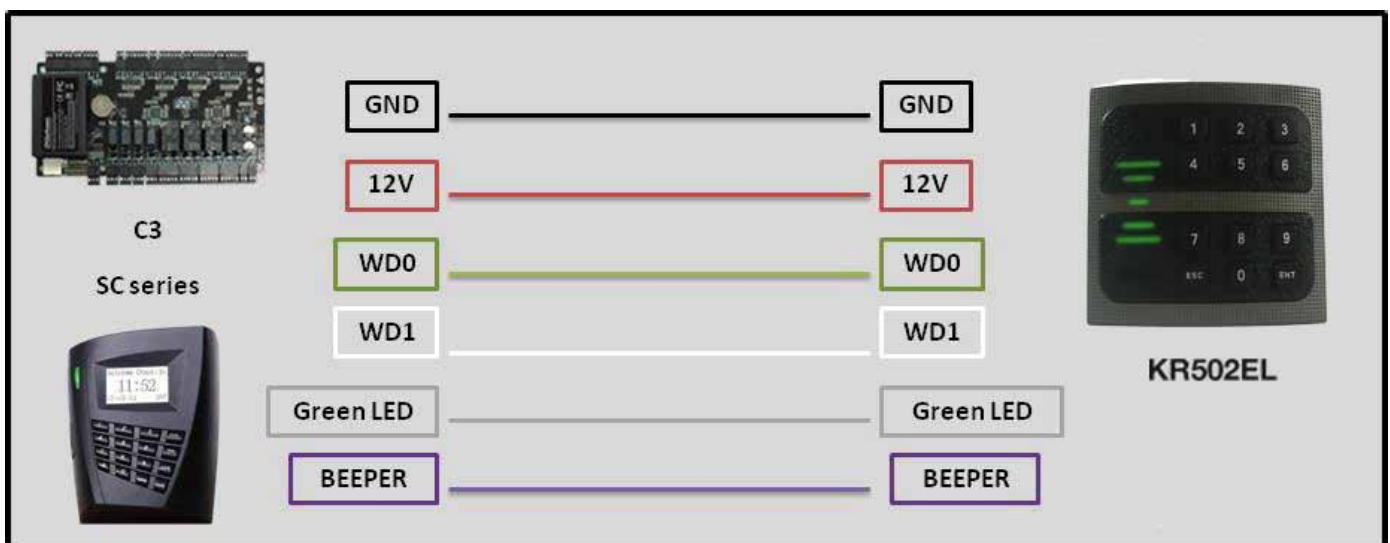
- ✓ 13.56 MHz Mifare card readers.
- ✓ Read range: from 2CM to 8CM.
- ✓ Wiegand 34 by default.
- ✓ External LED and Buzzer control.
- ✓ Indoor/Outdoor operation (Waterproof)
- ✓ Reverse Polarity Protection.
- ✓ LEGIC SM4200 Chip.
- ✓ Card-Reading Type: Mifare, ICODE, TI-Tagit, SONY Felica, HID iClass, INSIDE Contactless, ISO-14443A, ISO-14443B and ISO-15693.



## Specifications

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

## Connectivity diagram



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