



KR500 Series

ZKAccess Proximity card readers

KR500 is a series of outdoor IP65-rated proximity card readers designed to read only ZKAccess-supplied proximity cards.

Due to its conveniently small mullion size, KR500 is the ideal card access solution for any metal doors with thin frames, parking gates, fences, turnstiles or any security device having a narrow mounting surface. KR503 is designed for single-gang mounting.

KR500 Series has a built-in Wiegand-Out port which can be connected to most any access control panel (including ZKAccess C3 and InBio door controllers).

Specifications

Technology	Proximity
Supported card types	ZKAccess 125 kHz (Mifare optional)
KR500 Mounting	Mullions, including metal doors and window frames
KR502 and KR503 Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Indoor & Outdoor Installation	Electronics sealed in weather and tamper-resistant epoxy potting
Keypad	Model KR502 only
LED indicator	Red and Green
Audio indicator	Beep
Wiegand Interface	Wiegand-Out port
Power Supply	5 to 16VDC
IP-rating	65
Operating Temperature	14 F to 158 F / -10° C to 70° C
Operating Humidity	20% - 80%
KR500 Dimensions (HxWxD)	3.2 x 1.7 x .7 inches (81 x 43 x 18 mm)
KR502 Dimensions (HxWxD)	3.37 x 3.37 x 1 inches (85 x 85 x 25 mm)
KR503 Dimensions (HxWxD)	4.6 x 3 x .4 inches (117 x 76 x 10 mm)
Certifications	CE, FCC, RoHS
KR500H and KR503H Current draw	35 mA typical, 75 mA peak @ 12V DC
KR502H Current draw	70 mA typical, 110 mA peak @ 12 VDC
Read range	2 inches (51 mm)
Cabling	24 AWG minimum, multi-conductor stranded with an overall foil shield

ZKAccess

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KR500H Series

Multi-technology Proximity card readers

KR500H is a series of outdoor IP67-rated tamper-resistant multi-technology proximity card readers capable of reading both HID® and ZKAccess 125 kHz 26-bit proximity cards.

Due to its conveniently small mullion size, KR500H is the ideal card access solution for any metal doors with thin frames, parking gates, fences, turnstiles or any security device having a narrow mounting surface. KR502H and KR503H are designed for single-gang mounting.

KR500H Series has a built-in Wiegand-Out port which can be connected to most any access control panel (including ZKAccess C3 and InBio door controllers).

Specifications

Technology	Proximity
Supported card types	HID® 125 kHz (also ZKAccess)
KR500H Mounting	Mullions, including metal doors and window frames
KR502H and KR503H Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Indoor & Outdoor Installation	Electronics sealed in weather and tamper-resistant epoxy potting
Keypad	Model KR502H only
LED indicator	red, green, amber and "off" (represent 4 states)
Audio indicator	Beep
Wiegand Interface	Wiegand-Out port
Power Supply	5 to 16VDC
IP-rating	67
Operating Temperature	-35° F to 149° F / -40° C to + 65° C
Operating Humidity	20% - 80%
KR500H Dimensions (HxWxD)	3.2 x 1.7 x .7 inches (81 x 43 x 18 mm)
KR502H Dimensions (HxWxD)	4.6 x 3 x .75 inches (117 x 76 x 19 mm)
KR503H Dimensions (HxWxD)	4.6 x 3 x .4 inches (117 x 76 x 10 mm)
Certifications	FCC, ICC, CE, C-Tick, ETL Listed
KR500H and KR503H Current draw	35 mA typical, 75 mA peak @ 12V DC
KR502H Current draw	70 mA typical, 110 mA peak @ 12 VDC
Read range	KR500H up to 5 inches (126 mm) / KR502/KR503 up to 7 inches (178 mm)
Cabling	24 AWG minimum, multi-conductor stranded with an overall foil shield

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