



KR500



KR502



KR503

# 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. KR502 and KR503 are 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)       | 3.9 x 3.9 x 1 inches (99 x 99 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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