

# Keyscan RF Receivers



## Features and benefits:

- Ideal for gate/garage applications avoiding costly trenching or installation of pedestals to mount readers.
- Permits tracking, usage reporting and assigning access when used with Keyscan hardware and software.
- Fobs work in long range RF mode as well as standard proximity or high frequency formats
- K-RX is contained in a weather resistant enclosure suitable for outdoor installations.
- Receiver provides four hardwired 36-bit Keyscan wiegand outputs for connection to Keyscan access control units\* and for multiple device control using a single receiver.
- Transmitter fobs are designed to support multiple receiver installations.
- Receivers offer RF sensitivity and range control from 12" (0.3m) to 150' (45.7m).
- Receivers use an ultra high 433MHz frequency.
- Employs a rolling 40-bit code combined with a 256-bit key for encrypted anti-sniffing and anti-playback protection.

## RF receiver and transmitters featuring K-SMART, HID or Indala coils

The Keyscan K-RX and K-RX-1 receiver and transmitter series are advanced long-range radio frequency (RF) reader and credential products designed for use with Keyscan access control systems.

K-RX receivers and transmitters provide security and convenience by combining a radio frequency fob with an onboard proximity chip for use with systems equipped with supported low or high frequency Keyscan, HID, and Indala readers embedded into both fixed and mobile devices, providing advanced security and performance.

### RF receivers

- K-RX-1
- K-RX

### 125 kHz transmitters

- K-TX2 (HID 125 kHz)
- K-INTX2 (Indala 125 kHz, Keyscan 36 bit)

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- K-TX2 (HID 125 kHz)
- K-INTX2 (Indala 125 kHz, Keyscan 36 bit)

### 125 kHz transmitters

- K-TX2-1K (Keyscan K-SMART reader)

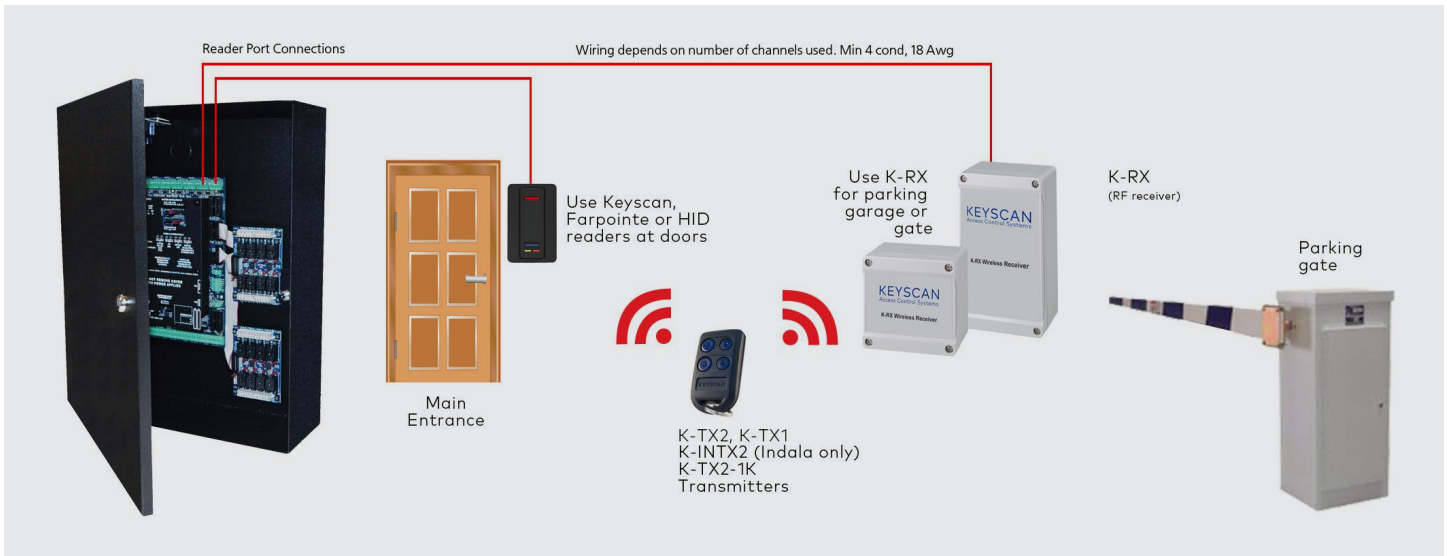
### 13.56 MHz transmitter

- K-TX1

K-RX series receivers and transmitters are ideal for security access control applications such as securing garage or gate entry and exit points

\*May not work on other access control systems

# Applications



## Specifications

|  | K-RX   | K-RX-1  |
|--|--|---|
| Technology                               | Long range   | Long range  |
| Frequency                                | 433 MHz  | 433 MHz   |
| Mounting                                 | USA single-gang wall box or any flat surface                                   |   |
| Dimensions                               | 6 1/4" x 3 1/2" x 2 3/8"<br>15.9 cm x 9.0 cm x 6.1 cm                          | 3.5" W x 3.5" H x 2.4" D<br>(89 mm x 89 mm x 61 mm) |
| Transmission                             | Rolling code + encryption  |   |
| Weight                                   | 12 oz (340 g)  |   |
| Certifications                           | FCC, ICC, CE, UL Standard 294, ULC 60839-11-1                                  |   |
| IP Code                                  | IP67 rated for outdoor use   |   |
| Voltage                                  | 12 VDC nominal   |   |
| Current Draw                             | 120 mA typical @ 12 VDC  | 100 mA typical @ 12 VDC                             |
| Read Range                               | Up to 200 feet (61 m), installer adjustable                                    |   |
| Cabling                                  | 24 AWG minimum, multiconductor stranded with an overall foil shield            |   |
| Interface                                | Wiegand (36 bit industry standard)   |   |
| Operating Temperature                    | -40° F to 149° F (-40° C to +65° C)  |   |
| Operating Humidity                       | 5% to 95% relative humidity non-condensing                                     |   |
| Indoor & Outdoor Installation            | Electronics sealed in a weather-resistant, UL listed enclosure                 |   |
| Warranty                                 | 1 Year   | 1 Year  |
| Transmitters Supported (Sold separately) | K-TX2-1K (K-SMART 13.56MHz),<br>K-TX2 (HID 125kHz),<br>K-INTX2 (INDALA 125kHz) |   |

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**Any questions? We would be happy to assist.**  
Contact us at: 800-265-6630