

# Keyscan K-RX

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

The Keyscan K-RX 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.

### 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 format
- K-RX is contained in a weather resistant NEMA 4, IP65 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.
- Four-button transmitter fobs are designed to support multiple receiver installations.
- K-RX offers RF sensitivity and range control from 12" (0.3m) to 150' (45.7m).
- K-RX uses 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.

\*May not work on other access control systems

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

K-RX wireless receiver



125 kHz wireless transmitters



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

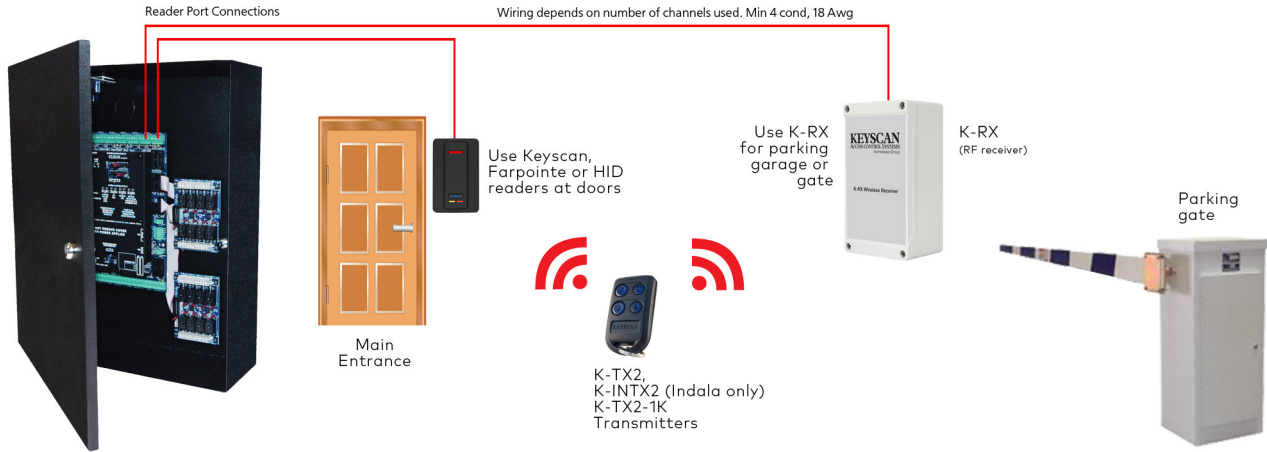
13.56 MHz wireless transmitter



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

Will also function in tandem with the discontinued Keyscan RXPROX, making for an easy and seamless transition to Keyscan K-RX.

# Applications



# Specifications

Model	K-RX
Input Power	10 to 24 VDC @ 120mA (Typical)
RF Input Signal	433MHz
Communication Format	Wiegand 36 bit hardwired output
Dimensions	6 1/4" x 3 1/2" x 2 3/8" 15.9 cm x 9.0 cm x 6.1 cm
Operating Temperature	-7.6°F to 122° (-22°C to 50°C)
Encoding	Code Hopping with 256 bit encryption
Models	K-TX2-1K (K-SMART 13.56MHz), K-TX2 (HID 125kHz), K-INTX2 (INDALA 125kHz)
Case Material	High Density Plastic Water Resistant Keypad Membrane
Power	CR2032 3V Lithium battery Field replaceable
Output	RF: 433MHz UHF Proximity: 125kHz

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