

RF Receiver and FoBs

with proximity chip

Keyscan's long range RF Reciever and wireless transmitters



- Combines the convenience of a long range radio frequency FoB with an onboard proximity chip for use with proximity HID 125kHz (K-TX2) or INDALA (K-INTX2) readers .
- · Receiver is contained in a weather resistant NEMA 4, IP65 enclosure and is suitable for outdoor installations.
- · Ideal for security access control applications such as securing garage or gate entries and/or exits.
- Receiver provides four hardwired 36bit Keyscan Wiegand outputs for connection to Keyscan's family of access control units (ACUs). Four Wiegand outputs provide an ideal solution for multiple gate control using a single receiver.
- Transmitters offer four-buttons, and are designed to support multiple gate and multiple receiver installations.
- Receiver offers innovative RF sensitivity and range control. Range may be adjusted from 12" (0.3m) to a factory defaulted maximum of 150' (45.7m).
- · RF operation 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.
- Rugged long life transmitters tested to over 35,000 button presses.

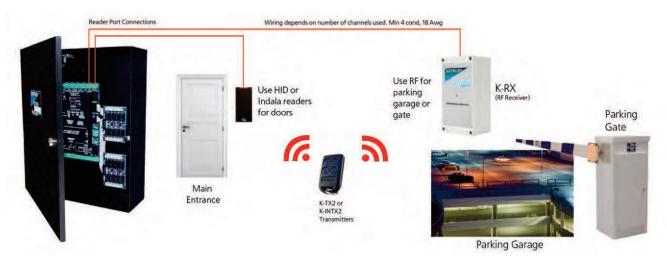
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Features and Benefits:

- Fast installation with Keyscan Access Control Unit. Simple fob enrollment in Keyscan software. One cardholder number for all RF activations and proximity activations
- Allows for integration to gate or garage applications without costly trenching or installation of pedestals to mount readers.
- Permits tracking, usage reporting and assigning access privileges (including time and day restrictions) when used with Keyscan access control units and software.
- FoBs work in long range RF mode as well as standard proximity format for other access control secure doors.
- Fobs may be ordered with HID 125kHz K-TX2 or INDALA (K-INTX2) proximity chip sets.
- A standalone mode with TTL driven relay output is available for use without access control integration.

Applications:



Specifications:

Model: K-RX Models: K-TX2 (HID Prox),

K-INTX2 (INDALA) 10 to 24 VDC @ 120mA (Typical) Input Power:

Code Hopping with 256 bit encryption Encoding: RF Input Signal: 433Mhz OPERATING TEMP: -22°C to 50°C

Comm Format: Wiegand 36 bit hardwired output -7.6°F to 122°F

Case Material: High Density Plastic Water Resistant Dimension: 6 1/4" x 3 1/2" x 2 3/8 Inches

Keypad Membrane

Power: CR2032 3V Lithium battery Operating Temp: -22°C to 50°C

Field replaceable

Output: RF: 433MHz UHF Proximity: 125khz -7.6°F to 122°

15.9 x 9.0 x 6.1 cm

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KEY 2015-01

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