

# Keyscan RF Receiver and fobs

*with K-SMART, HID and Indala coils*

## Keyscan long range RF Receiver 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), INDALA (K-INTX2) readers and Keyscan K-SMART 13.56MHz readers (K-TX2-1K).
- 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-button or 2-button, 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.

\*May not work on other access control systems

*Ideal for security access control applications such as securing garage or gate entries and/or exits*



**K-RX**  
RF Receiver



Wireless Transmitters  
125kHz (4-button)

**K-TX2 (HID)**  
**K-INTX2 (Indala)**



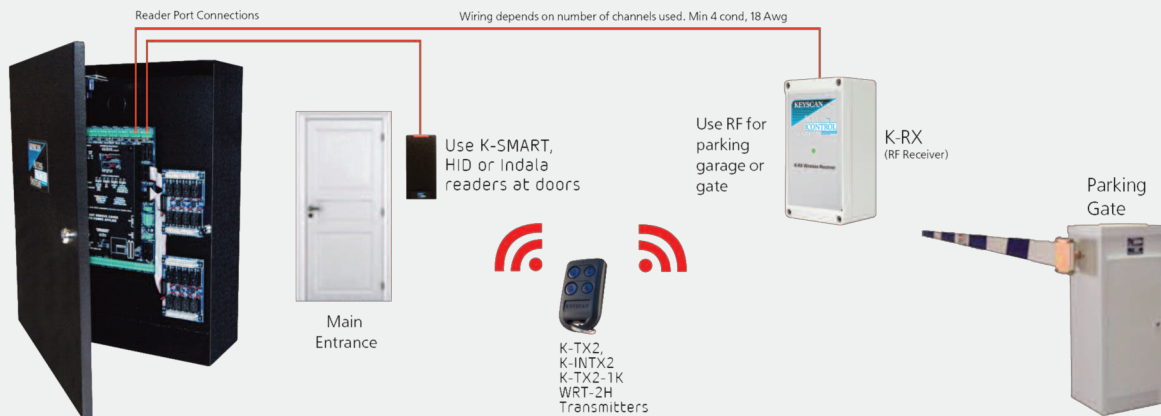
Wireless Transmitters  
13.56MHz (4-button)

**K-TX2-1K (Keyscan)**

## 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/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 Keyscan K-SMART 13.56MHz (K-TX2-1K), HID 125kHz (K-TX2) or INDALA 125kHz (K-INTX2) coil sets.
- Available in 4-channel or 2-channel fobs

## Applications:



## Specifications:

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

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