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-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.

*May not work on other access control systems

Ideal for security access control applications such as securing garage or gate entries and/or exits
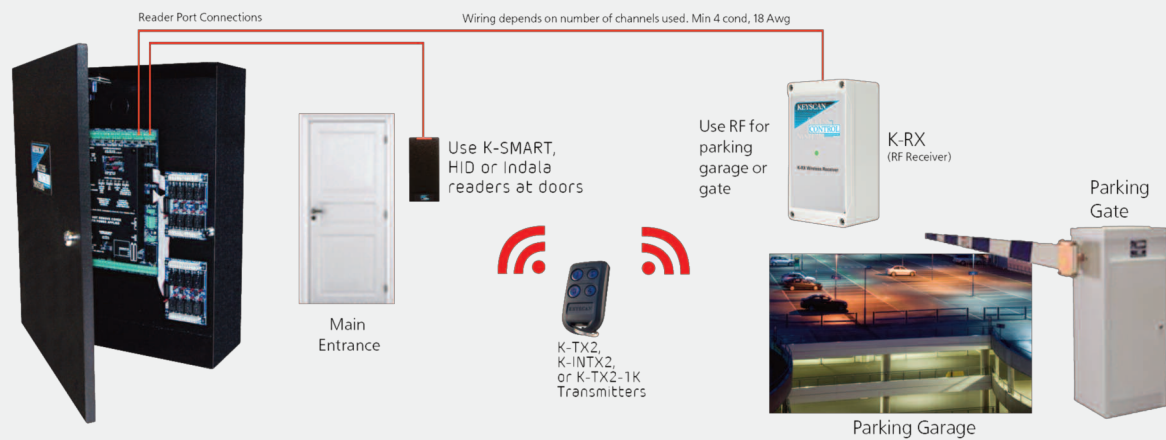
K-RX
RF Receiver

Wireless Transmitters
K-TX2
K-INTX2
K-TX2-1K

PLATINUM HID
Physical Access

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.

Applications:

Reader Port Connections

Wiring depends on number of channels used. Min 4 cond, 18 Awg

Use K-SMART, HID or Indala readers at doors

Main Entrance

K-TX2, K-INTX2, or K-TX2-1K Transmitters

Use RF for parking garage or gate

K-RX (RF Receiver)

Parking Gate

Parking Garage

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		-7.6°F to 122°F
Dimension:	6 1/4" x 3 1/2" x 2 3/8"	Case Material:	High Density Plastic Water Resistant
	15.9 cm x 9.0 cm x 6.1 cm		Keypad Membrane
Operating Temp:	-22°C to 50°C	Power:	CR2032 3V Lithium battery
	-7.6°F to 122°		Field replaceable
Encoding:	Code Hopping with 256 bit encryption	Output:	RF: 433MHz UHF Proximity: 125kHz
Operating Temp:	-22°C to 50°C		