Securitex Long Range Access Control System

We bring extremely secured and highly reliable remote control system to your business

I-Key RX Long Range Receiver   **I-Key Transmitter**

Overview of i-key

i-Key pendants provide a safe and simple way to control access to any facility. When a button on the pendant is pressed the unique pendant number and site code are sent securely via Radio Frequency to the receiver to be decoded. Once decoded the code is transferred to an access system via the industry standard wiegand protocol.

I-Key is the smart and simple way to control access to your secure areas such as boom gates, rising barriers and doors. Cutting edge technology allows I-Key to enter multiple facilities with just one key. Use I-Key and your secure access could not be simpler! Void and Validate an I-Key pendant in your access control system just like a proximity card. I-Key receiver connects to an access control system just like a reader.

Enhanced Versatility

Combine the convenience of long range access control with the simplicity of close range proximity readers with i-Key pendants. I-Key supports reader technologies such as HID, Indala, EM and Keri proximity along with Mifare, iCLASS and Tecom smartcard technology to work just like a proximity card.

Advanced Security

i-Key technology provides an added layer of security to your access control system over and above the standard wiegand format. With i-Secure the i-Key pendant and receiver are encoded with a unique customer code, so Remote Control ID information only gets to the access control system when customer codes match. The result of this is an extremely secure system, reducing the risks of compromised data or duplicate pendants being passed to the access control system which can be common place on less secure technologies. Ultra high security can be provided by combining i-Key with a custom facility/site format for a customer.

Gate Operation

The i-Key 6 PIN receiver has been designed to connect to a standard gate motor drive control. The i-Key pendants can be learnt into each 6 PIN receiver (Up to 250 users) to allow the user to operate the gate from the safety of a vehicle. i-Key technology is also incorporated into the 6 PIN receiver.

Security

i-Secure technology. Receivers and pendants require matching customer codes to function. The customer code reduces the risk of compromised data or duplicated pendants.

Easily Interfaced

The i-Key receiver's dual channel wiegand output easily interfaces with most access control panels. The receiver outputs standard wiegand format data from the pendant and will output data as encoded.

Indoor / Outdoor Design

Weatherized water resistant polycarbonate case, designed to withstand varied environments and vandalism.

Close Range Proximity Access
(just like a Prox Card)

Long Range Vehicle Access at the push of a button
(open gates, raise barriers from safety of a vehicle)

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Warranty
Warranted against defects in materials and workmanship for 12 months after invoice date.
(See complete warranty policy for details).

Part Numbers
Pendant i-Key TX i-Key 4 TX
Pendant HID® i-Key TX/H i-Key 4 TX/H
Pendant Indala® i-Key TX/I i-Key 4 TX/I
Pendant EM i-Key TX/EM i-Key 4 TX/EM
Pendant Keri® i-Key TX/K i-Key 4 TX/K
Pendant Mifare® i-Key TX/M i-Key 4 TX/M
Pendant iCLASS® i-Key TX/I-C i-Key 4 TX/I-C
Pendant Tecom® i-Key TX/T i-Key 4 TX/T
Receiver i-Key RX i-Key 4 RX
Ext. Range Antenna i-Key 4 Ant
Programmer i-Key Prog
Demo Kit i-Key DK
i-Key 6PIN i-Key 6PIN i-Key 4 6PIN
Relay board for 6PIN i-Key 4 Ext
Ext. Range Antenna i-Key 4 Ant

Specification
i-Key TX Pendant
Frequency 433.92MHz
Buttons 1 Dimpled, 1Normal
Status Red LED
Battery 12V/23A
RF Compatible HID, Indala, EM, Keri,
iCLASS, Mifare, Tecom
Casing ABS
Colour Black
Weight 22g
Dimensions (mm) 54(L)x38(W)x15(D)

i-Key Receiver
Frequency 433.92MHz
Power I/P 9~12 VDC
Current 20mA (Typical)
Range 25 Meters (Typical)
Wiegand O/P 2 (1 for each button/channel)
Wiegand Formats 26Bit wiegand,
other formats available
Casing PC
IP Rating IP56
Dimensions (mm) 127(L)x100(W)x46(D)
Operating Temp -10ºC ~ +60ºC
Certifications CE Mark, C-Tick, FCC

i-Key

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