

### i-Key



The 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 the i-Key to enter multiple facilities with just one key. Use the 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 prox card. The 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 prox card.

#### Advanced Security

i-Secure 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 card 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-Secure 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-Secure technology is also incorporated into the 6 PIN receiver.



### i-Key

#### FEATURES

##### 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

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

#### SPECIFICATIONS

##### i-Key TX Pendant

Frequency	433.92MHz
Buttons	1 Dimpled, 1 Normal
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	-10°C ~ +60°C
Certifications	CE Mark, C-Tick, FCC

##### 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

##### i-Key 4 Pendant

Frequency	315, 433.92, 868 or 915MHz
Buttons	4 (1 for each channel)
Status	Red LED
Battery	3V - CR3032
RF Compatible	*same as 2 button
Casing	ABS
Colour	Black
Weight	20g
Dimensions (mm)	56(L)x35.6(W)x16.4(D)

##### i-Key 4 Receiver

Frequency	315, 433.92, 868 or 915MHz
Power I/P	9~12 VDC
Current	100mA (Typical)
Range	Up to 25 Meters (82 feet) configurable < 3 Meters (10 feet)
Wiegand O/P	4 (1 for each button/channel)
Wiegand Formats	*same as 2 button
Casing	ABS
IP Rating	IP56
Dimensions (mm)	124(L)x111(W)x32(D)
Operating Temp	-10°C ~ +70°C
Certifications	CE Mark, C-Tick, FCC