

i-Key 4



General Specifications : i-Key 4

PENDANT		
Frequency	MHz	315MHz,433MHz,868MHz or 915MHz
Buttons		4 (1 for each channel)
Status		Red LED on Button press
Batteries	VDC/ model	3 Volt CR3032
Casing		ABS
Colour		Black
Weight	Metric/USA	20g (0.7oz)
Dimensions	Metric	56mm (L) x 35.6mm (W) x 25mm (D)
	USA	2.2"(L) x 1.4" (W) x 0.65" (D)
RECEIVER		
Frequency	MHz	315MHz,433MHz,868MHz or 915MHz
Voltage Input	VDC	9~12 VDC
Current		100mA (Typical)
Range	max	Up to 25Metres (82 feet)
	Field set-able	Up to 3 metres (10 metres)
Wiegand Output		4 Outputs (1 for each channel)
Wiegand Formats		Custom – specify with order
Casing		ABS
IP Rating		IP65
Dimensions	Metric	124mm (L) x 111mm (W) x 32mm (D)
	USA	4.88"(L) x 4.37" (W) x 1.26" (D)
Operating Temp	Metric/USA	-10°C ~ +70°C, +14°F ~ 158°F
Certifications		CE, FCC and C-Tick approvals
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Combine the convenience of long range access control with the security of smart readers

i-Key 4 Overview

i-Key 4 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 4 pendants have four separate buttons, each button is linked to a separate wiegand output on the i-Key 4 receiver, so one button could be used for a gate and another for a car park etc.

Because each pendant may be uniquely site and code numbered they can be easily be added or deleted by the access control system just like a standard card!

Security

i-Secure technology provides an added layer of security to your Access Control System. i-Secure technology is used to encode the i-Key pendant and receiver with a unique customer code, so card information only gets passed to the Access Control System when the customer codes both match. The result of this is an Extremely High Security system that also eliminates spurious card information being passed to the access system which is common place on less secure technologies. Ultra High Security can be provided by linking i-Secure and a custom facility for your site and customers.