







FK-640 Prox Reader / Keypad

Specifications

Frequency	125 KHz, Compatible credentials: 125 KHz AWID
Reader Data Formats	Wiegand (26 bit and other formats) Call for a complete list of compatible formats
Keypad Data Formats	Field configurable, 8-Bit Burst (default) and 26-Bit Wiegand
Visual Annunciation	Tri-color LED, "LED off" function
Audio Annunciation	Built-in piezo sounder
Mounting	Directly on metal, single-gang US wall-box
Size	4.6" x 3" x 0.7" (117 x 77 x 18mm)
Weight	4 oz. (113 g)
Operating Temperature	-40° F to +149° F (-40° C to +65° C)
Read Range @ 125 KHz (under ideal conditions)	Clamshell Prox Card - Up to 6 inches (152 mm) Printable Prox Card - Up to 4 inches (102 mm) Proximity Key Fob - Up to 3 inches (76 mm) Adhesive Proximity Tag - Up to 3 inches (76 mm)
Optional:	
Additional Format Compatibility	p/n FK-640-H, Compatible credentials: 125 KHz
Additional MIFARE Compatibility	p/n FK-640-M, Compatible credentials: 13.56 MHz MIFARE (read range will vary)
Wiring	500' (152 m) max, 18-22 AWG, 6-7 conductor shielded cable
Operating Voltage	+5 to 14 VDC
Power Draw	50 mA typical, 115 mA on card read, 30 mA (@5 VDC & LED off)
Included in the Box	Prox reader/ keypad, configuration card, black or off-white covers, manual
Warranty	Limited 5 year warranty against defects in materials and workmanship
Certifications	    Industry Canada Industry Canada

Utilizing proven digital radio frequency identification (RFID) technology, RBH FK-640 Proximity Reader and Keypad may be mounted directly to standard single-gang US wall-boxes, and is ideal for applications requiring an access credential and/or personal identification number (PIN), such as high security dual verification.

Keypad data is transmitted via the reader's data lines in either an 8-Bit Burst or 26-Bit Wiegand data format. The alpha-numeric keypad itself makes use of a durable (no moving parts), non-mechanical capacitive technology. Enhancements include tactile feedback, and a raised 'pip' on the 5-key for use by visually impaired individuals.

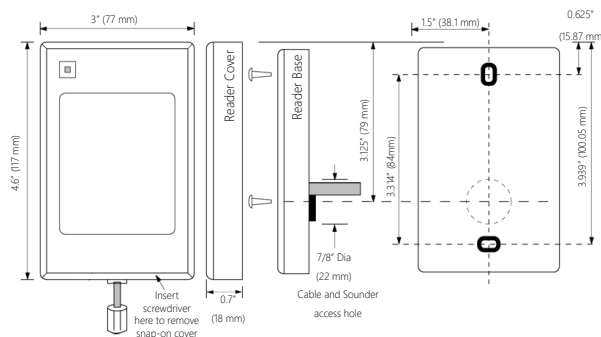
Mounting is simplified with horizontal and vertical mounting slots, instead of holes, which allow the reader to be conveniently adjusted and leveled. To allow both indoor and outdoor operation the electronics are sealed in tamper resistant epoxy potting. This unit is IP67 Rated.

Features:

- Compatible with all standard access control systems
- Best-in-class read range
- Field configurable
- Fits single-gang US wall-box
- Back-lit keypad
- Tactile feedback
- Internal Piezo Sounder
- Tri-color LED standard
- Multiple Wiegand formats*
- Optional additional format compatibility
- Many additional features...

*Call for a complete list of compatible formats

*Specifications are subject to change without notice.



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