



# PROX READER / KEYPAD

# FK-640



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.

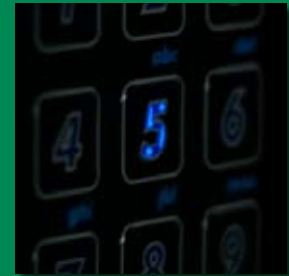
Keypad data is transmitted via the reader's data lines in either an 8-Bit Burst or 26-Bit Wiegand data format. The alpha-numeric keypad itself makes use of a durable (no moving parts), non-mechanical capacitive technology. Enhancements include tactile feedback, and a raised 'pip' on the 5-key for use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

## Features :



Backlit keypad makes it easier to use in darker areas



Light behind key 5 always stays on to guide you

## Included :



Configuration card  
(8/26 bit, etc.)



Interchangeable covers  
(off-white and black)

- **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 HID compatibility**
- **Many additional features...**



Tri color LED for a more informed user interaction



Externally controlled built-in piezo sounder






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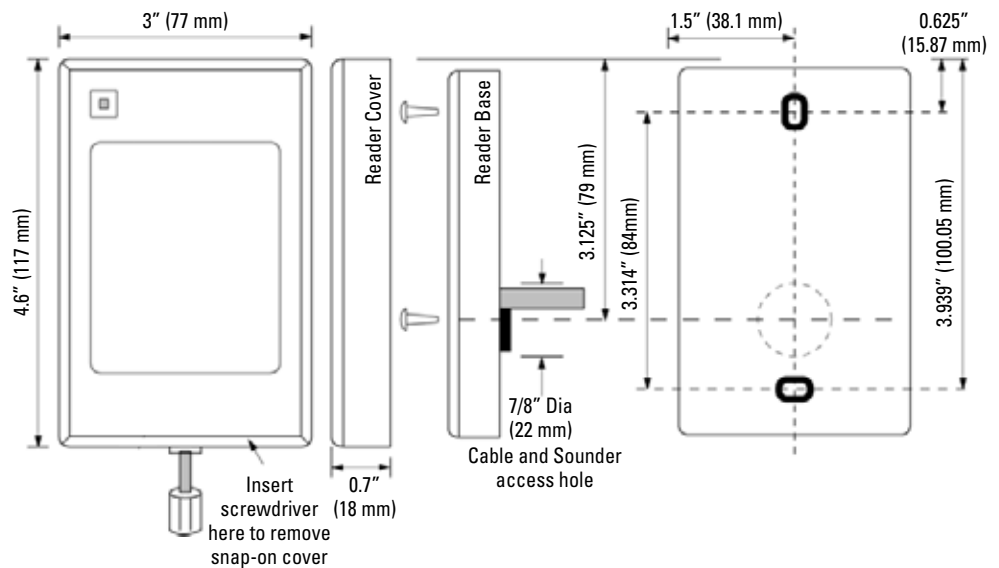
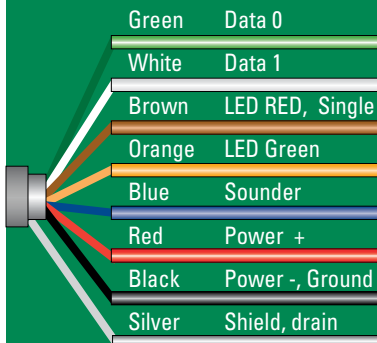
# SPECIFICATIONS



RBH-FK-640

Frequency :	125 kHz
Reader Data Formats :	Wiegand (26 bit and other 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 18 mm)
Weight :	4 oz. (113 g)
Operating Temperature :	-40° F to +149° F (-40° C to +65° C)
Read range : (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 HID compatibility	p/n FK-640-H
Compatible credentials :	125 KHz HID (ProxCard II, ISOProx II, and ProxTag II)
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  Industrie Canada

## WIEGAND



\*Specifications are subject to change without notice.



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