



# PROXIMITY READER

# FR-360N FAMILY



Utilizing proven digital radio frequency identification (RFID) technology, RBH FR-360N Proximity Readers deliver best in class read ranges and reliable operation.

Mounting is simplified with vertical and horizontal 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.

Notable features for these are: low power consumption, easy-to-install readers that include Wiegand interface, independently controllable multi-color LED and audio sounder.

These readers are also available with additional formats\* as well as Mifare CSN and Mifare Sector.

**RBH-FR-360N** AWID + Keri (Wiegand) - 125 kHz

**RBH-FR-360N-H** AWID and more\* - 125 kHz

**RBH-FR-360N-MSN** MIFARE and more\*- 13.56 MHz

\* Call for a complete list of compatible formats



## Works with

- **Clam Shell Cards**

Up to 6 inches\* (152 mm) @ 125 KHz AWID  
Up to 1.5 inches\* (38 mm) @ 13.56 KHz\*\*

- **Printable Cards**

Up to 4 inches\* (102 mm) @ 125 KHz AWID  
Up to 1.5 inches\* (38 mm) @ 13.56 KHz\*\*

- **Key Fobs**

Up to 3 inches\* (76 mm) @ 125 KHz AWID  
Up to 1.5 inches\* (38 mm) @ 13.56 KHz\*\*

- **Adhesive Tags**

Up to 3 inches\* (76 mm) @ 125 KHz AWID

\*Read range is stated in a clean RF and electrical environment using clamshell card presented parallel to reader surface with reader operating at 12 VDC. Additionally, read range may be affected by local installation conditions. Range will be less when mounted to metal.

- **Compatible with all standard access control systems**
- **Best-in-class read range**
- **FR-360N direct on-metal mounting\***
- **Fits single-gang US wall-box with optional mounting plate**
- **Internal Piezo Sounder**
- **Tri-color LED standard**
- **Multiple Wiegand formats**
- **Optional Other 125 kHz formats\*\***
- **Optional MIFARE compatibility**
- **Many additional features...**

\* Excludes FR-360N-MSN

\*\*Call for a complete list of compatible formats

## Features :



Externally controlled built-in piezo sounder



Resin filled for all weather installations

PLEASE VISIT [WWW.RBH-ACCESS.COM](http://WWW.RBH-ACCESS.COM) FOR MORE PRODUCTS







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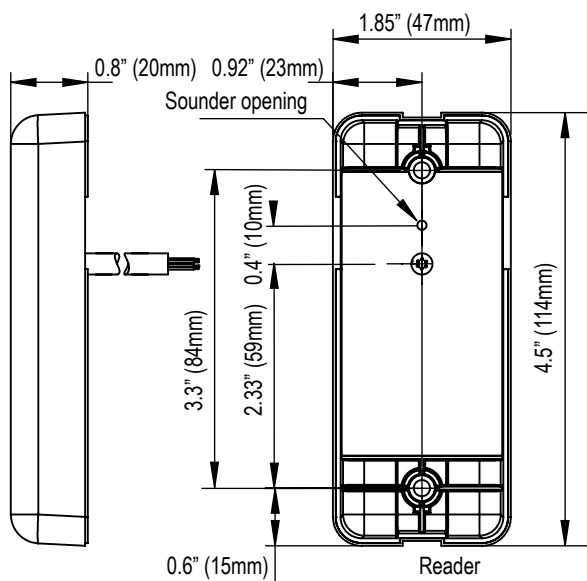
# SPECIFICATIONS

## Additional Parts

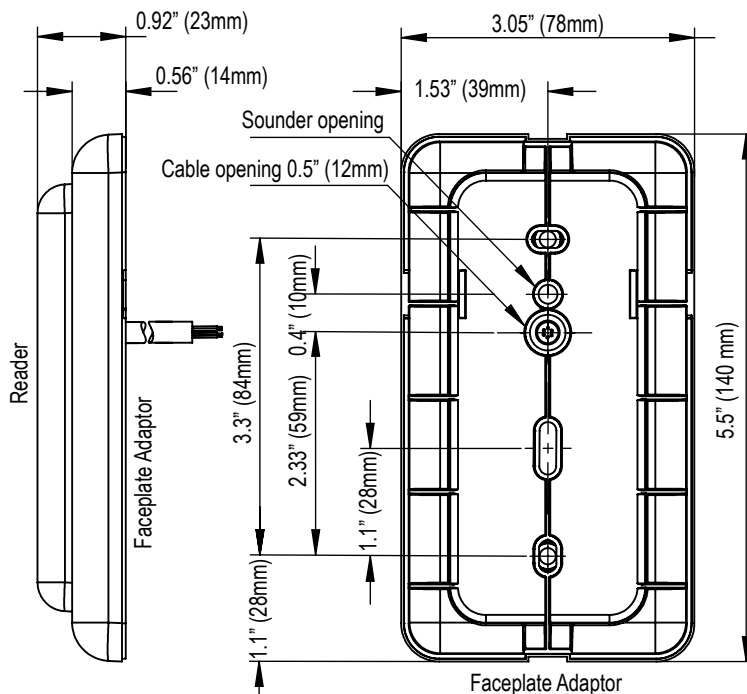


RBH-FR-360N-SWPL

READER:	FR-360N	FR-360N-H	FR-360N-MSN
Frequency :	125 KHz	125 KHz	13.56 MHz
Reader Data Formats :	(26 bit - 64 Bit) Call for a complete list of compatible formats		MIFARE, DESFire EV1 & more*
Visual annunciation :	Tri-color LED		
Audio annunciation :	Built-in piezo sounder		
Mounting :	Mullion, Directly on metal Single-gang US wall-box with optional adaptor plate	Mullion, Single-gang US wall-box with optional adaptor plate	
Reader :	4.5" x 1.85" x 0.8" (114 x 47 x 20 mm)		
Reader with Plate :	5.5" x 3.05" x 0.92" (140 x 78 x 23 mm)		
Pig tail cable length :	18"		
Operating Temperature :	-40° F to +149° F (-40° C to +65° C) / IP-67 Rated		
Wiring :	500' (152 m) max, 18-22 AWG, 6-7 conductor shielded cable		
Operating voltage :	+5 to 14 VDC		
Power draw :	30 mA typical, 75 mA peak @ 12VDC	135 mA typical @ 12 VDC	
Included in the box :	Reader, plugs, mounting screws, manual		
Warranty :	Limited 10 year warranty against defects in materials and workmanship		
Certifications :	 CERTIFIED TO UL294 STANDARD     Industry Canada  Industrie Canada		



FR-360N Reader Mounting



FR-360N Reader Mounting with faceplate adaptor

\*\*Specifications are subject to change without notice.