

# RBH-FR-360N Family Proximity Readers



Utilizing proven digital radio frequency identification (RFID) technology, RBH-FR-360N Proximity Readers deliver the 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\* - 125KHz

#### **RBH-FR-360N-STO:**

MIFARE and more\* - 13.56 MHz

\*Call for a complete list of compatible formats

## Features:



Resin filled for all weather installations



Externally controlled built-in piezo sounder

- Compatible with all standard access control systems
- Best-in-class read range\*
- FR-360N direct on-metal mounting\*\*
- Mounts onto a single gang electrical switch box with the optional back plate
- Internal Piezo Sounder
- Tri-color LED standard
- Multiple Wiegand formats
- Optional other 125 KHz formats\*\*\*
- Optional MIFARE compatibility
- Many additional features...

\*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.

\*\*Excludes RBH-FR-360N-STO

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



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## Optional Parts:



RBH-FR-360N-SWPL

### For use 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\*\*

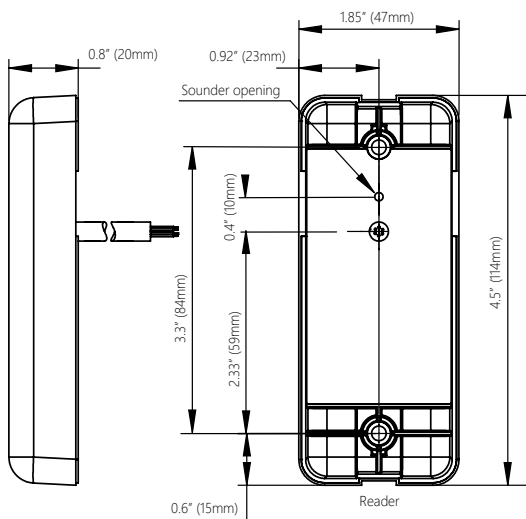
- **Adhesive Tags**

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

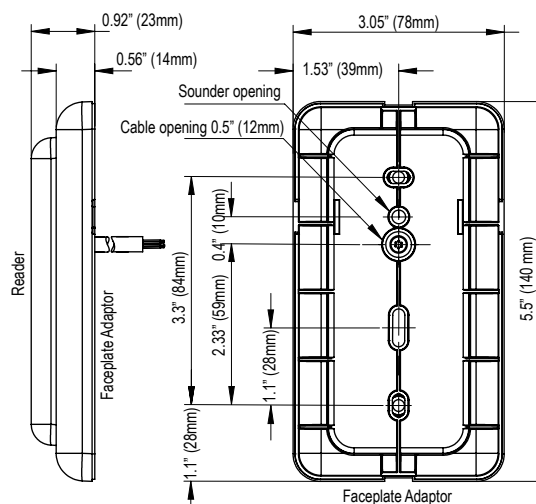
## Specifications:

Reader	RBH-FR-360N	RBH-FR-360N-H	RBH-FR-360N-STO	RBH-FR-360-CSN
Credential Support	AWID	HID + AWID	RBH Sector Mifare	Mifare Card Serial Number
Frequency	125 KHz	125 KHz	13.56 MHz	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	Mullon, Directly on metal Single gang electrical switch box with the optional back 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' (152m) max, 18 - 22 AWG, 6-7 conductor shielded cable			
Operating Voltage	+5 to 14 VDC			
Power Draw	30 mA typical, 75 mA peak @ 12 VDC		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				

\*Specifications are subject to change without notice.



FR-360N Reader Mounting



FR-360N Reader Mounting with faceplate adaptor



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