



Invisible Reader

INSTALLATION INSTRUCTIONS

(Proximity Reader)



Cutting edge simplicity

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Introduction

The Invisible Reader concealed proximity reader is designed for in frame or in door installation in either aluminum or wood applications. Works with 125 KHz HID and AWID credentials.

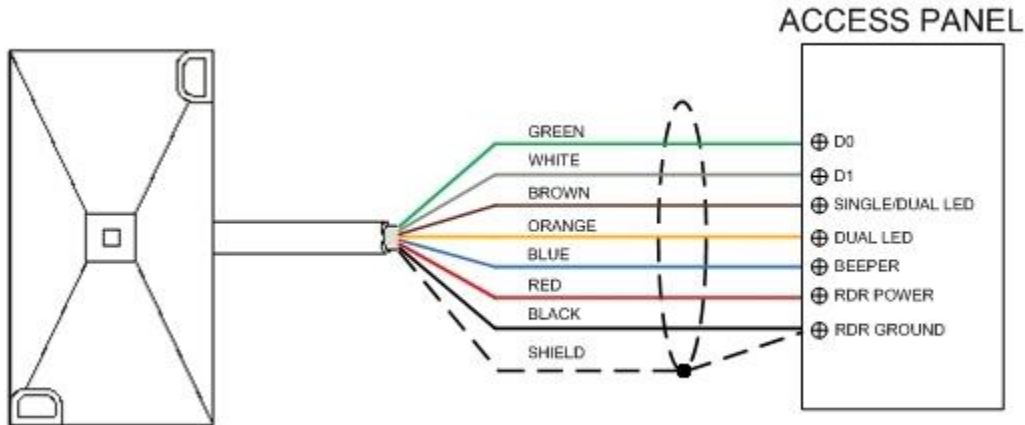
Specifications*

Description:	Invisible Reader concealed proximity reader <i>Compatible with both AWID and HID</i>
Warranty:	Limited lifetime warranty against defects in material and workmanship
Operating Voltage:	5 to 14 VDC
Current Draw:	5 mA min., 45 mA typical, 80 mA max.
Output Format:	26-bit & 37-bit Wiegand
Frequency:	125 KHz
Range:	(varies with reader voltage and credentials)
Operating Temp:	40 °C to 65 °C (40 °F to 149 °F)
Dimensions:	35mm (w) x 113mm (h) x 18mm (d) [1.5 in (w) x 4.5 in (h) x 0.7 in (d)]
Weight:	approx. 72 g (2.8 oz)
Colours:	Clear Anodized or Dark Bronze
Housing:	High-Strength Polycarbonate
Mounting:	In frame or in door
Environment:	Indoor/outdoor
Rated IP 67:	Sealed against dust; protection against powerful water jet
LED:	Four-state (red, green, amber, off)
Beeper:	Standard
Cable:	up to 7 conductors, 22 AWG, stranded, overall shield; 150 m (500 ft) max length

NOTE: Tech Support will only be provided where product installation guidelines have been followed.

*Specifications subject to change without notice

Reader Wiring



In Frame or In Door Mounting

1. Use the attached cutout drawing template to make a proper cutout in the door frame or door (as applicable).
2. Install the mounting tab into the door frame or door (if applicable)
3. Wire the reader module to the access control panel.
4. Screw the reader assembly to the mounting tabs or to the door or frame.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The reader does not recognize a card/tag (no beep, no LED flash).	1. One or more of the readers' wiring connections are incorrect.	Power down the reader/access panel and check that your wiring is correct.
	2. The reader is not receiving proper power from the access panel.	Measure the voltage at the reader. It should be between +5 VDC and +14 VDC.
	3. The reader is mounted too close to a device that radiates electromagnetic interference.	If possible, install the reader in a different location or move any other electronic devices away from the reader.
	4. You are using an incorrect type of card.	Make sure you are using an access card that is compatible with the reader.

Invisible Reader is compliant with the following organizations:



FCC compliance statement: This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.