Long Range Identification Receiver

Quick Start Guide

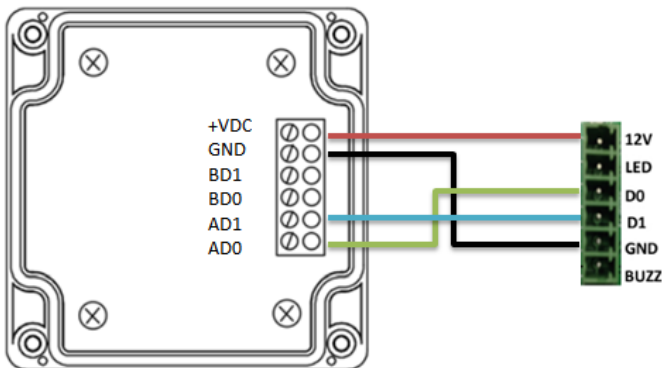**WAR-HAM-SRW WAR-HAM-LRW**

(1) Introduction

The Receiver was designed to output Wiegand data and install similar to standard proximity readers making for easy integration with most access control systems. WAC Transmitters are available in either a two or four-button configuration and are equipped standard with a potted proximity or contactless smartcard module. This allows the Transmitter to also be used as a presentation-style access credential. For example, a button may be pressed to access a long range application such as a gated parking structure, and then the Transmitter may be presented to an access control reader to allow entry to the building.
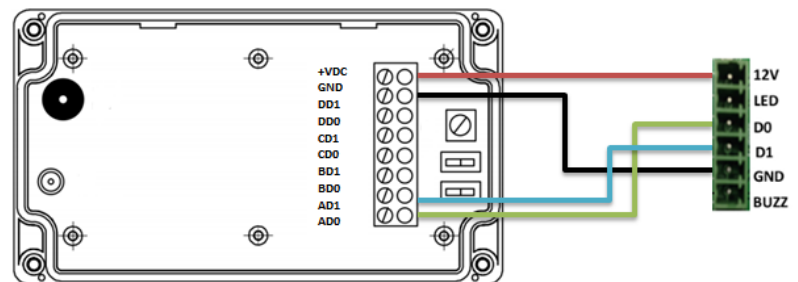
(1) Wiring

	Reader Function	Panel Input		Reader Function	Panel Input
WAR-HAM-SRW	AD0	D0 Reader 1	WAR-HAM-LRW	AD0	D0 Reader 1
	AD1	D1 Reader 1		AD1	D1 Reader 1
	BD0	D0 Reader 2		BD0	D0 Reader 2
	BD1	D1 Reader 2		BD1	D1 Reader 2
	GND	GND		CD0	D0 Reader 3
	+VDC	12VDC		CD1	D1 Reader 3
				DD0	D0 Reader 4
				DD1	D1 Reader 4
				GND	GND
				+VDC	12VDC

WAR-HAM-SRW

WAR-HAM-LRW

(2) **Cable Requirements**

   24 AWG min, multi-conductor stranded with an overall foil shield

(3) **Wiegand Outputs**

   Wiegand (industry standard 26-bit Wiegand and custom Wiegand formats)

(4) **Card Technology Supported**

   Long Range Identification Transmitters (WAC-HIT-WT2/4)

(5) **Power**

   Reader can be powered by the access panel.

(6) Powering up Reader

1. When Reader is powered up reader will beep 4 times and stable orange light will turn on

2. Press button on transmitter to see the card event and to register the remote into the server

(7) **Troubleshooting**

   If the long range reader does not recognized on does not display the card event

Possible causes	Solutions
Incorrect cabling	Verify wiring, see (2) for proper wiring
Reader did not beep remote button is pressed	Verify if transmitter technology is supported
Reader did not show any card events when pressing button 1 and 2	Make sure the reader is programmed into buttons 1/2, see manual for more details

Note: if any solutions above did not work please contact Watch*NET* Access Technical Support phone number +1-866-843-6865 or visit our website @ www.watchnetaccess.com

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