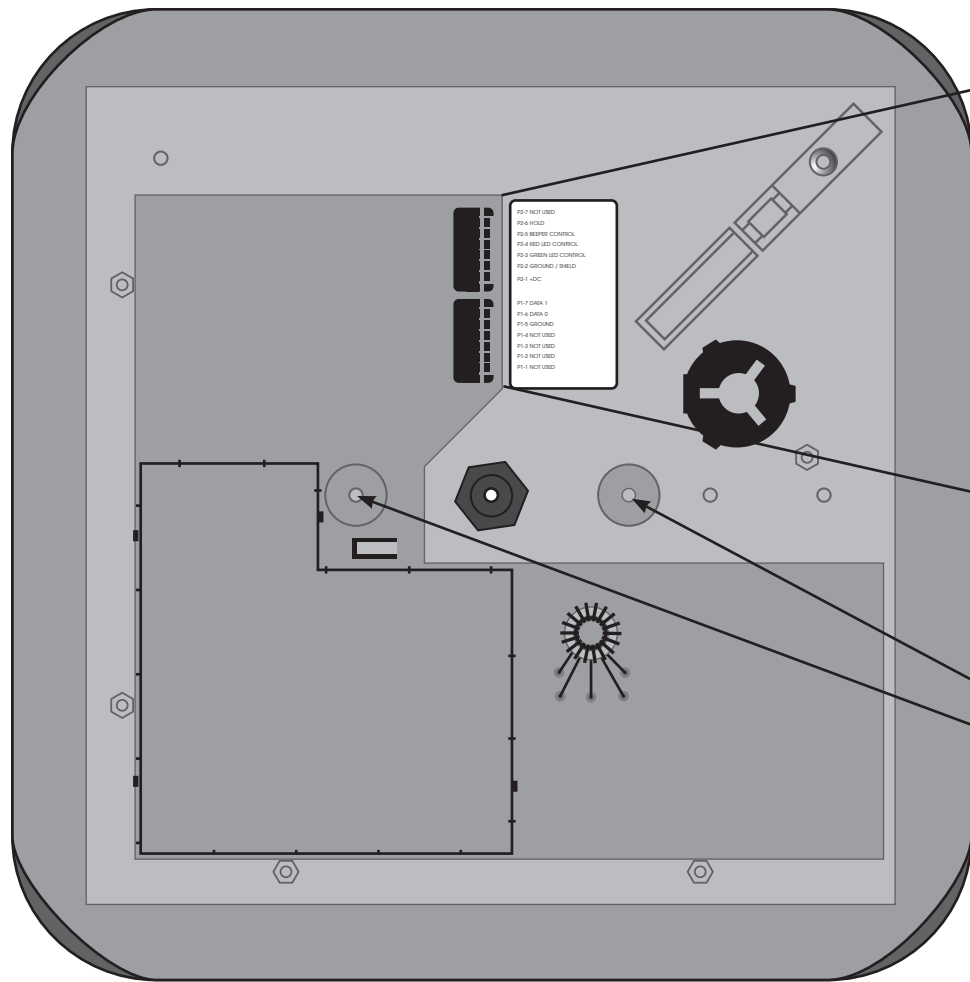


INSTALLATION

iCLASS[®] by HID[®]

1 PREPARING



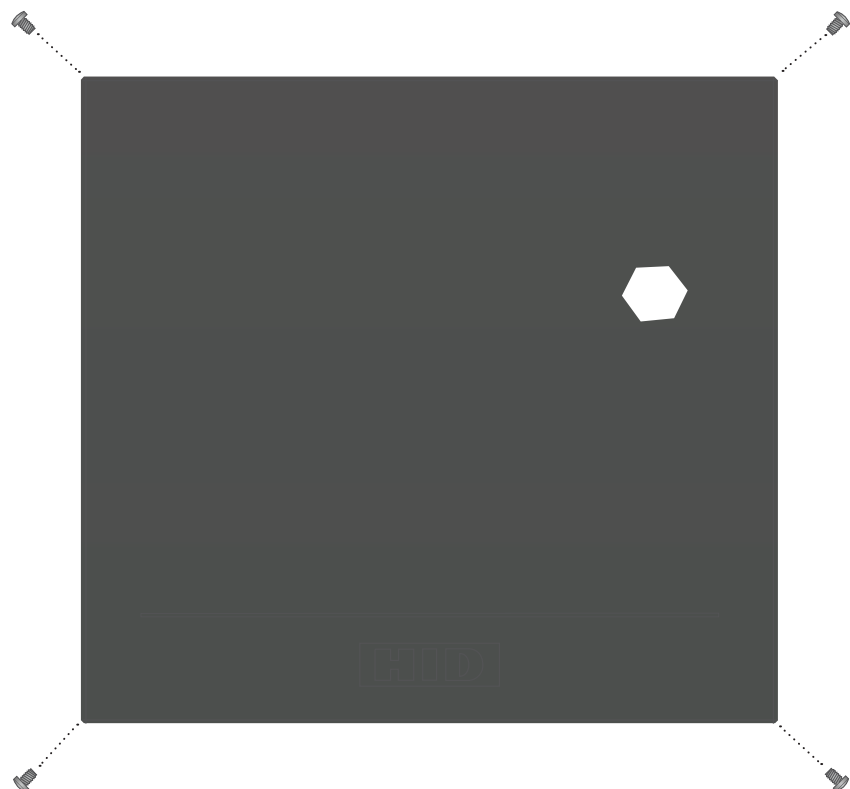
Wiring diagram

P2-7 NOT USED
P2-6 HOLD
P2-5 BEEPER CONTROL
P2-4 RED LED CONTROL
P2-3 GREEN LED CONTROL
P2-2 GROUND / SHIELD
P2-1 +DC

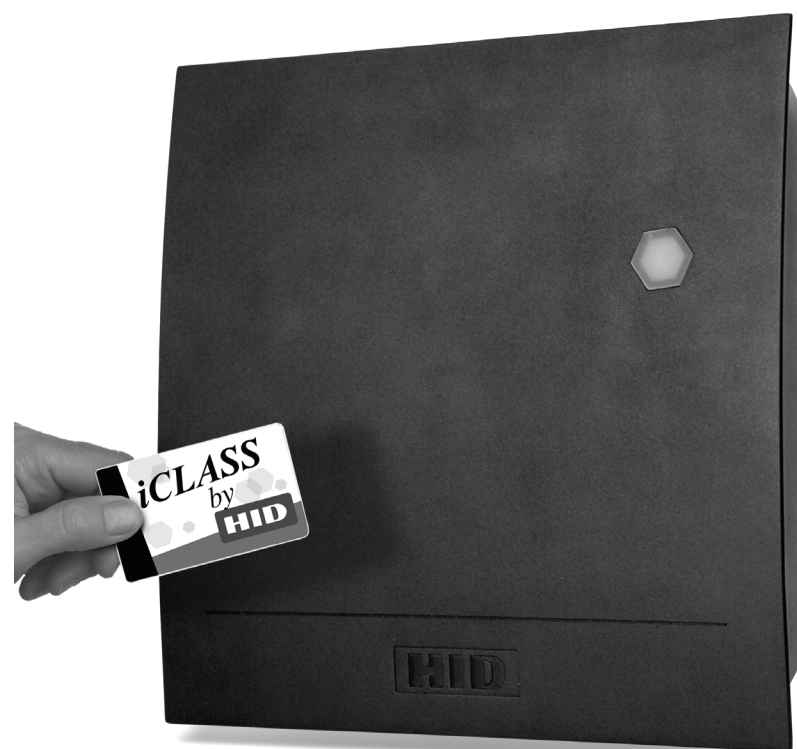
P1-7 DATA 1
P1-6 DATA 0
P1-5 GROUND
P1-4 NOT USED
P1-3 NOT USED
P1-2 NOT USED
P1-1 NOT USED

Mounting Knockouts

2 ASSEMBLY AND DISASSEMBLY

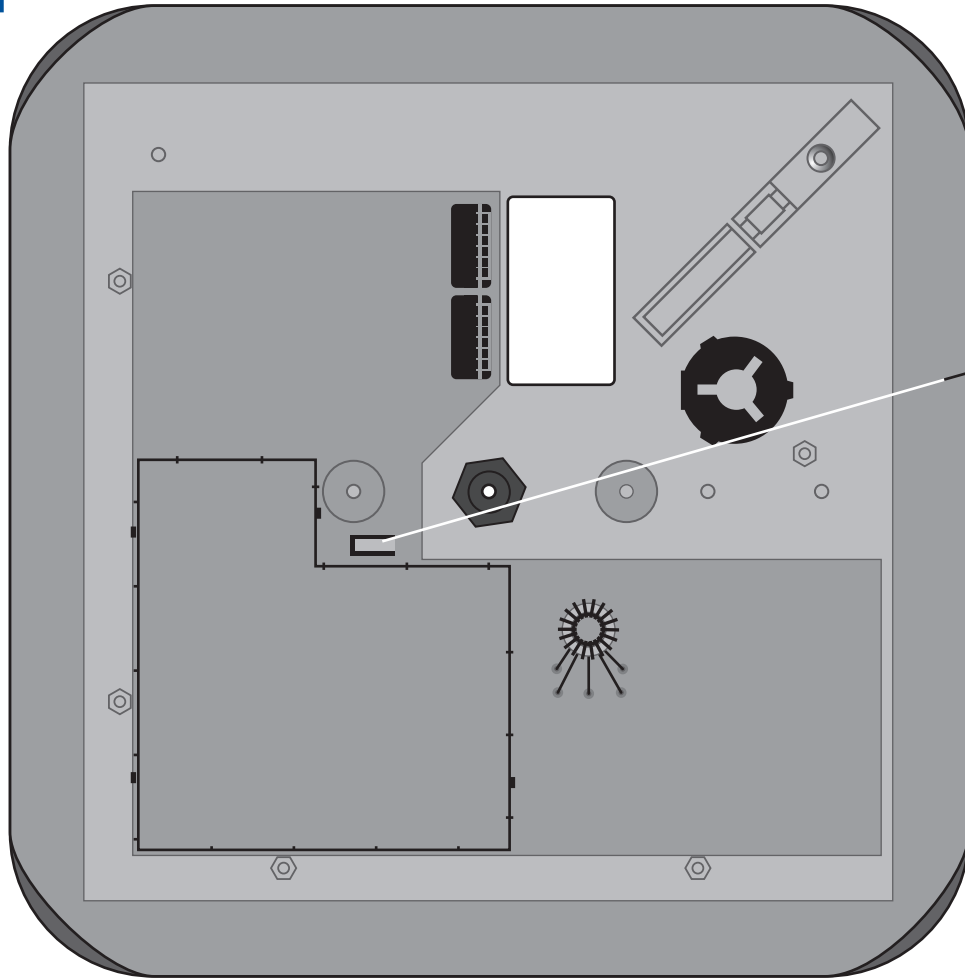


3 TESTING



R90 • Long Range Reader

4 TAMPER SWITCH



If the "I'm Alive" feature is enabled, removal of the cover disables the signal.

5 OPTIONAL FEATURES

- Hold Input - When asserted, this line either buffers a card or disables a card read until released, as configured.
- Configuration Options - Configure the LED, Speaker, and other features. See the How to Order Guide or iCLASS R-90 Application Note for details.

NOTES

- The reader retunes every 1.5 hours after power up
- Place a 1/2-1 inch, non-metallic spacer (Acrylic, Plexiglass®, Lexan®...etc.) between the reader and a metal surface
- Operating temperature range: +150 to -22 F (+65 to -30 C)
- Cable distance to host: 22 AWG (12 VDC) = 100 ft.; 18 AWG (24 VDC) = 500 ft.
- Only use with Wiegand enabled UL294 listed control units.
- 12-24 VDC, 230-480mA Avg. ---

FCC

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. For regulatory compliance, the drain wire is to be disconnected at the power supply end of the I/O cable.

UL

This Proximity Reader is intended to be powered from a limited power source output of a previously certified power supply. This Reader is intended to be used with UL 294 Listed Control Equipment. Note: The "I'm Alive" feature has not been evaluated by UL.

CE MARKING

HID Global hereby declares that this proximity reader is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

6 PARTS

- 1 - reader
- 1 - Installation Guide
- 4 - #8 Phillips self tapping screws (installed)
- 4 - #8 Spanner security screws
- Wire nut (2 pcs)
- 2 Cable strain relief
- 2 - #6 1-inch Phillips screws

HID Corporation

9292 Jeronimo Road
Irvine, California
92618-1905 USA

tel:
+1 (949) 598-1600
U.S. (800) 237-7769
fax:
+1 (949) 598-1690
email:
tech@hidcorp.com

www.hidcorp.com



INSTALLATION

iCLASS[®] by

HID

6150-901 C.0

An ASSA ABLOY Group company

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