

Install Manual – 6055-910 Rev 2
IQ Card Reader

2 Connecting the Reader to the Host

Connect the reader to the host according to the wiring table below and the host installation guide.

- IQ Card Reader with snap-on cover and 18" cable

1

- #6-32 x 1" self-tapping panhead screw

2

- Installation manual

1

- Wire splice

9

- DC Power supply 12 VDC

1

Signal
Color
Signal
Color

9-14 VDC
Red
Beeper
Yellow

GND
Black
HOLD
Blue

D0
Green
CARD PRES
Violet

D1
White
RX
Pink

GRN LED
Orange
DTR
Gray

RED LED
Brown
TX
BLU/WHT

SHLD GND
Drain

1 Mounting Instructions

- Determine an appropriate mounting location. The reader may be mounted to any surface, including metal.
- Drill two (2) 3/32-inch (2.5mm) holes approximately 1 inch deep for mounting the reader.
- Drill a 5/8-inch (16mm) hole for the cable.
- Remove the snap-on cover from the reader and secure the reader to the mounting surface.
- Route the cable from the reader and/or power supply to the host. A linear type power supply is recommended. Check all electrical codes for proper cable installation.
- For the cable connection to the Panel - Use Alpha #1299C or equivalent.
- Test the operation of the reader. After completion of the test, replace the snap-on cover.
- See sheet 3 of this manual for the appropriate dimensioned drawings.
- For proper regulatory compliance, the drain wire should be disconnected at the power supply end of the cable.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- The Reader is intended to be powered from a limited power source output of a previously certified

3 Testing and Operation

- When power is applied to the reader the beeper will beep once then the LED will flash green once

- power supply.
- For installation in 15 EU countries, see addendum (dwg #6055-911) for additional installation instructions.
- then red once.
- Present an ID card to the reader. The LED will momentarily turn green while the beeper beeps once, indicating that the card was read successfully.

Important Product Specifications

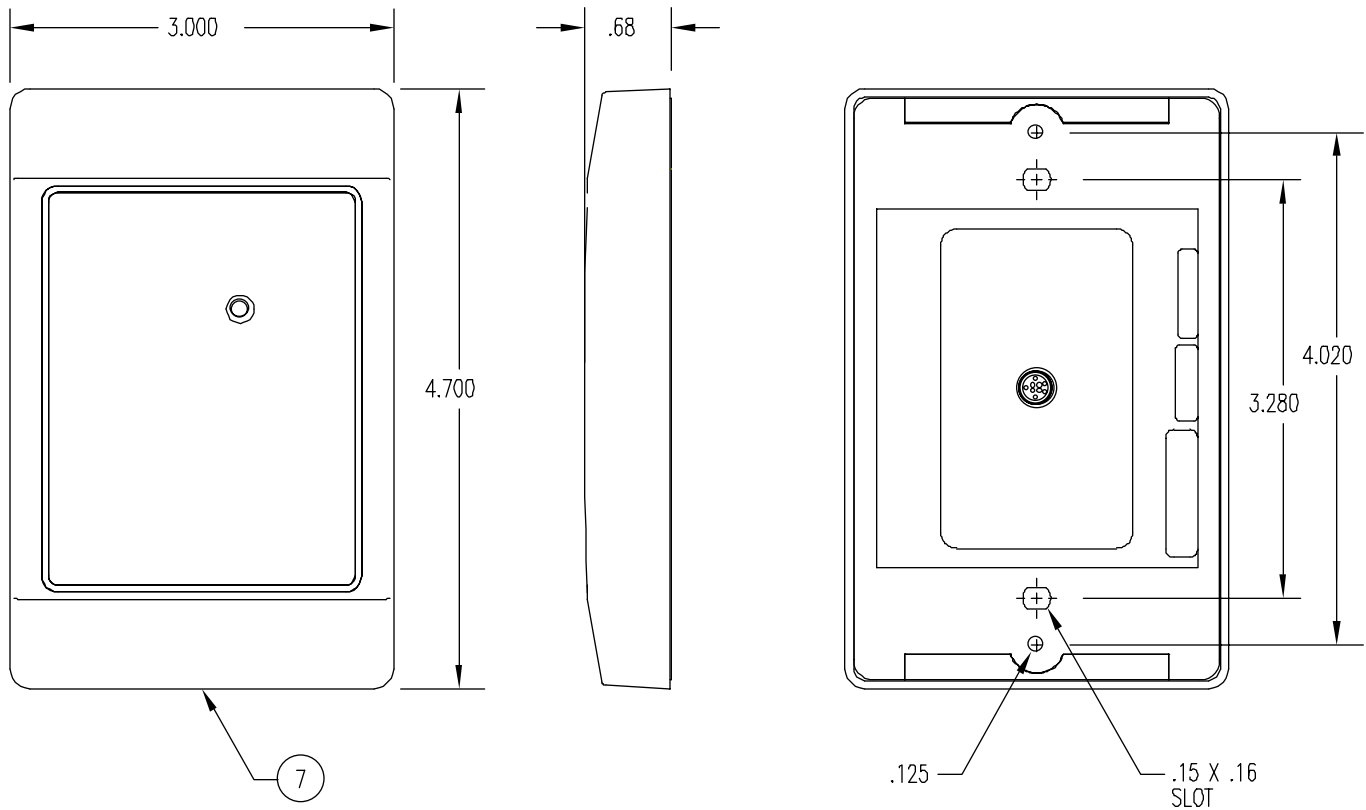
Power requirements (linear supply)

Operating Voltage Range	9.0 – 14.0 VDC
Absolute Maximum Voltage	16 VDC
Average Current at 12V	100 ma

Maximum cable distance	500 ft Wieg or C/D
To host	50 ft RS-232

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.

4 Front, side, and back view



4.1.1 Figure 1