

Installation Guide

Axiom Keypad Reader

AX-RK86

1.0 SPECIFICATIONS

- Voltage Range: 12VDC
- Current: 200mA peak.
- Cable distance to Host: 500ft (152m) max – Wiegand
- Frequency: 13.56MHz
- Operating temperature range: -30°C – +65°C
- Output formats: Wiegand 66bit
- Keypad Output: 8bit
- Read Range: Up to 8cm
- Dimensions: 86L x 95W x 18H (mm)

2.0 Connecting.

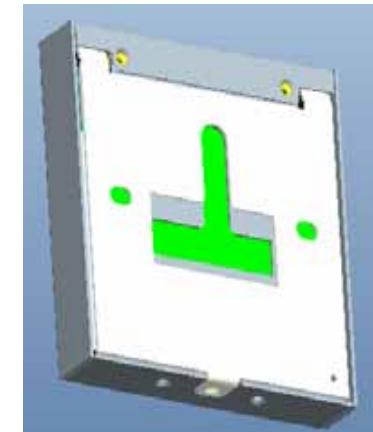
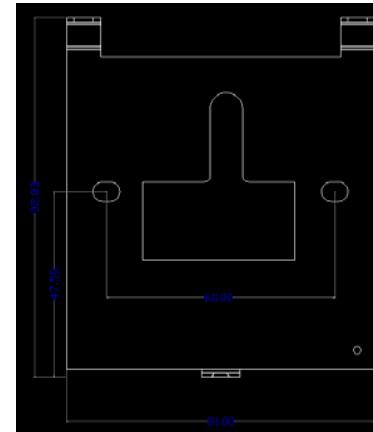
Pin Code	Description
1	12V +
2	GND
3	DATA0
4	DATA1
5	BEEPER
6	GREEN LED
7	RED LED
8	NC
9	NC
A	NC

3.0 Cable Distance to Host

Shielded Cable	Distance (m)
24 AWG	40
22 AWG	60
18 AWG	100

4.0 INSTALLATION

- Attach the mounting plate onto the back box or a wall surface.
- Connect the shield cable to the terminal according to the pin code. Connect the terminal to the socket of the reader.
- Attach the reader to the mounting plate as showed follows:



FCC Note:

This device complies with Part 15 of the FCC Rules. Operation of this product 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 Axiom could void the user's authority to operate the equipment.