Automated Ticketing Kiosk

Remote HID Box Quick Start Guide



Manuals are available from Rice Lake Weighing Systems at www.ricelake.com/manuals Warranty information is available at www.ricelake.com/warranties



WARNING: Before opening the unit, ensure power is disconnected.

Mounting Kit Parts:

- 4 large screws (1/4-10 x 0.50)
- 4 small screws (10-32 x 0.375)
- · 4 mounting brackets

Mount the Enclosure

1. Use the large screws to attach the mounting brackets to the enclosure.

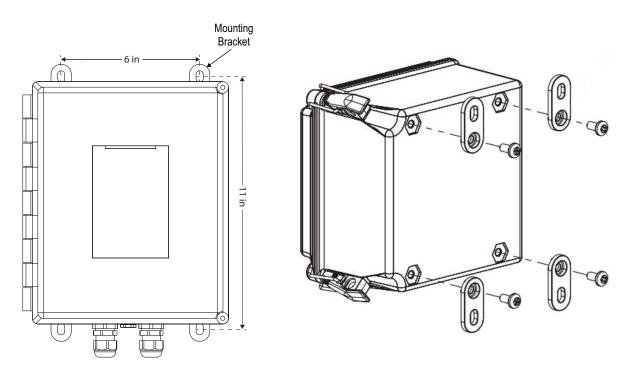


Figure 1. Mounting Bracket Locations and Dimensions

Torque		
28-34 in-lb	3.2-3.8 Nm	

Table 1. Large Screw Torque Specifications

2. Use the small screws to mount the enclosure on a flat vertical surface.



Wiring

1. Run cables through the cord grips of the enclosure (see Figure 2).

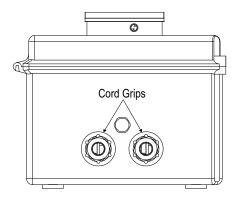


Figure 2. Cord Grip Locations

2. Connect cables as shown in Table 2.

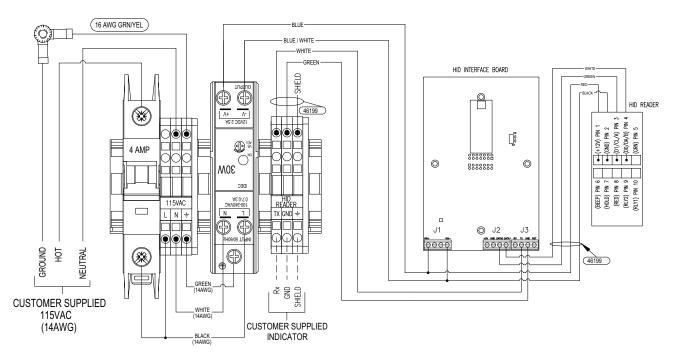


Figure 3. FRP HID Reader Wiring Diagram

Terminal	Indicator
Tx	Rx
GND	GND
GND	Shield

Terminal	Power Supply
GND	GND
N	Neutral
4 AMP	Hot

Table 2. Terminal Block Pinout

IMPORTANT: Cables routed through the cord grips should be grounded against the enclosure.



3. Tighten cord grips to prevent cable movement (see Table 3).

Cord Grip	Torque	
1/2 NPT	1.475 lb-ft	2.0 Nm

Table 3. Cord Grip Torque Specifications

Test Reader

- 1. Power on the reader. The reader beeps and the LED flashes.
- 2. Test the reader with a credential card. The reader beeps and the LED flashes.



NOTE: The reader has a baud rate of 9600, 8 data bits, no parity and 1 stop bit.

Specifications

Typical Maximum Read Range*:

2.5 to 4.5 in (6.3 to 11.4 cm) with HID iCLASS® card 1.0 in (2.5 cm) with HID iCLASS key 1.0 in (2.5 cm) with HID iCLASS tag 1.5 to 2.0 in (3.8 to 5.0 cm) with HID iCLASS prox 1 to 2 in (2.5 to 5.0 cm) with MIFARE® card (serial number only)

*Using ISO 15693 mode (except MIFARE®). Dependent upon installation conditions. Please note that all iCLASS credentials are available in either a 2K bits (256 Bytes) or 16Kbits (2 KBytes) configuration.

Dimensions:

 $(L \times W \times H)$ 3.30 × 0.85 × 4.80 in (84 × 22 × 122 mm)

Material:

Fiberglass reinforced polyester (FRP)

Power Supply:

10 to 16VDC reverse voltage protected Linear supply recommended

Current Requirements (Avg/Peak):

80/260mA at 12VDC

Operating Temperature:

-31°F to 150°F (-35°C to 65°C)

Operating Humidity:

5 to 95% relative humidity non-condensing

Weight:

8.8 oz (249.5 g)

Transmit Frequency:

13.56 MHz

Cable Distance:

Wiegand interface: 500 ft (150 m)
Recommended cable is ALPHA 1295 (22AWG)
Five-conductor stranded with overall shield or equivalent. Additional conductors may be required to connect all outputs.

Pending Certifications:

Taiwan, Singapore, Germany VdS

Approvals:

UL 294/cUL FCC Certification Canada Certification CE Mark (Europe) New Zealand Australia c-Tick





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