

## **EON VIU User Installation Guide**

The EON Vending Information Unit (VIU) comes fully assembled and ready for operation. The user only needs to attach the unit to the interior of the vending machine per the instructions below. No programming or adjustments to the unit are required from the user.

### **Elements of the fully assembled VIU include:**

#### **Housing**

The modem is packaged in a labeled metal box. There are four LEDs, a password store button, serial connector, and DEX input, visible from the outside. There is a power cable that connects to the vending machine's outlet, so no cutting or splicing for installation is required.

#### **Radio**

Attached to the housing is a fixed frequency fm radio transmitter. The radio is connected to the controller board via a serial cable. The radio has a male bnc connector mounted aside the serial connector to allow connection to the antenna.

#### **Power Adapter**

Powering the unit is a UL approved DC power adapter. The adapter's output rating is +12VDC/1.25A. The adapter's input rating is 100~120V~: 60Hz, 0.45A. The unit plugs directly into the housing.

#### **Antenna**

The antenna is a 50-Ohm, "whip" style,  $\frac{3}{4}$ wave, with a bnc connector.

#### **Connections**

The Dex cable has connectors for Dex ports on both the VIU housing and the vending machine.

### **VIU Installation:**

Connect the Dex cable to its respective ports in both the vending machine and VIU housing.

Firmly attach the housing unit to a secure location inside the vending machine using the heavy-duty adhesive Velcro strip.

Once the housing is physically installed in the vending machine, it must be initialized (powered up) with the door to the vending machine open and with the password button depressed. This is accomplished by simply plugging the DC power adapter into the vending machines standard 110V outlet. This allows the VIU to retrieve the password from the vending machine controller board.

To verify that installation has been properly completed, watch for the red transmit light to flash once, and all lights to turn down except the yellow LED. At this point the installation is complete. If this light sequence is not observed, repeat the installation steps. If all steps are deemed to be completed successfully and the correct light flashing sequence is still not observed, remove the VIU from the vending machine and return to EON for service or repair.

**FCC Warning:**

*Changes or modifications not expressly approved by the manufacture could void the user's authority to operate the equipment.*

**RF Exposure Statement:**

*The VIU antenna must be installed in the vending machine in a location that will provide a separation distance of at least 71 centimeters from the user of the machine or nearby persons.*