Deliverables:

1. Submit a picture showing each wire connection
2. Submit a picture of each installed speaker
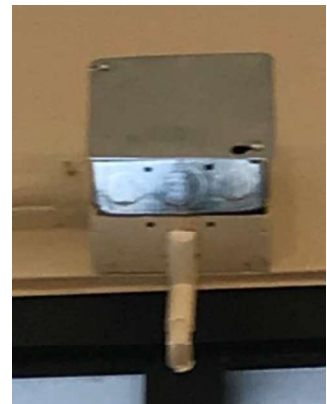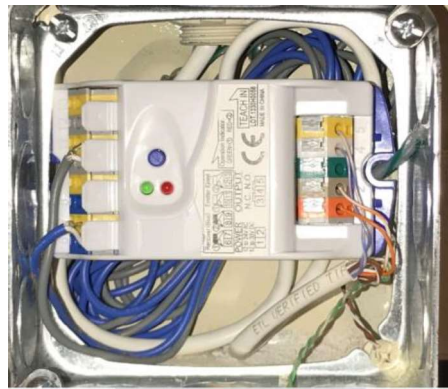
Prodco Traffic Counter

Key Points:

- Technician will need a DB9 to USB serial cable to connect to the STB
- Technicians will need the Teraterm program to configure the Prodco unit. This will be shared with you by the NET helpdesk.
- Technicians will need a 15/32 drill bit to ensure a snug fit for the sensors in the door frame
- The sensors need to be mounted at the same height; between 52 and 54 inches from the floor
- Ensure that the door does not block the sensor beam

Scope of work:

1. Configure the Prodco Unit
   a. Download the Teraterm program provided by NET
2. Install the Prodco Sensors in the door frame
   a. Drill a 15/32 hole in the inside of the door frame
   b. Drill a 15/32 hole at the top of the door channel
   c. Fish the sensor wires **UP** the door frame to the four square box that will house the Prodco power module
      i. This should be the same four square box that Cat5e conduit runs into
   d. Snap the sensors into the door frame
3. Wire the sensors to the Prodco power module (See Picture)
   a. Connect the sensor wires
      i. Blue wire to position 6
      ii. Blue ground (shield) to position 7
      iii. Gray wire to position 10
      iv. Gray ground (shield) to position 11
   b. Connect the Cat5e wire
      i. Orange strand to position 1
      ii. Orange / White strand to position 2
      iii. Blue strand to position 4
      iv. Blue / White strand to position 5
4. Insert power module into the four square box
5. Install covers on the four square box
6. Install off white wire mold to cover the sensor wires from the top of the door to the four square boxes
   a. Use off white calk to make the wire mold pieces appear to be seamless

7. Install the Prodco STB (RTC9000) on the backboard next to the rack
8. Install the Prodco JBox4 on the backboard next to the STB
9. Make the Cat5e wire connections to P1 in the Prodco JBox4
   a. Orange strand will connect to the +12V
   b. Blue / White strand will connect to the IN1
   c. Twist the Orange / white and Blue Strands together and connect them to the GND
10. Connect the JBox4 and RTC9000 together using the Serial Cable provided
11. Plug the RTC9000 into the power strip
12. Patch the RTC9000 into port 13 of the Aerohive switch

Deliverables:

1. Submit a picture of each sensor fitted into the door frame
2. Submit a picture of the power module showing placement and wire connections
3. Submit a wide shot of the entrance showing calked wire mold and four square boxes closed
4. Submit a picture showing placement of the JBox4 and RTC9000 mounted to the backboard
5. Submit a picture of the wire connections in the JBox4