

from the edge. Also from the inside seal around each screw hole and the wire entry hole with an outdoor silicone sealant after pulling the wires through.

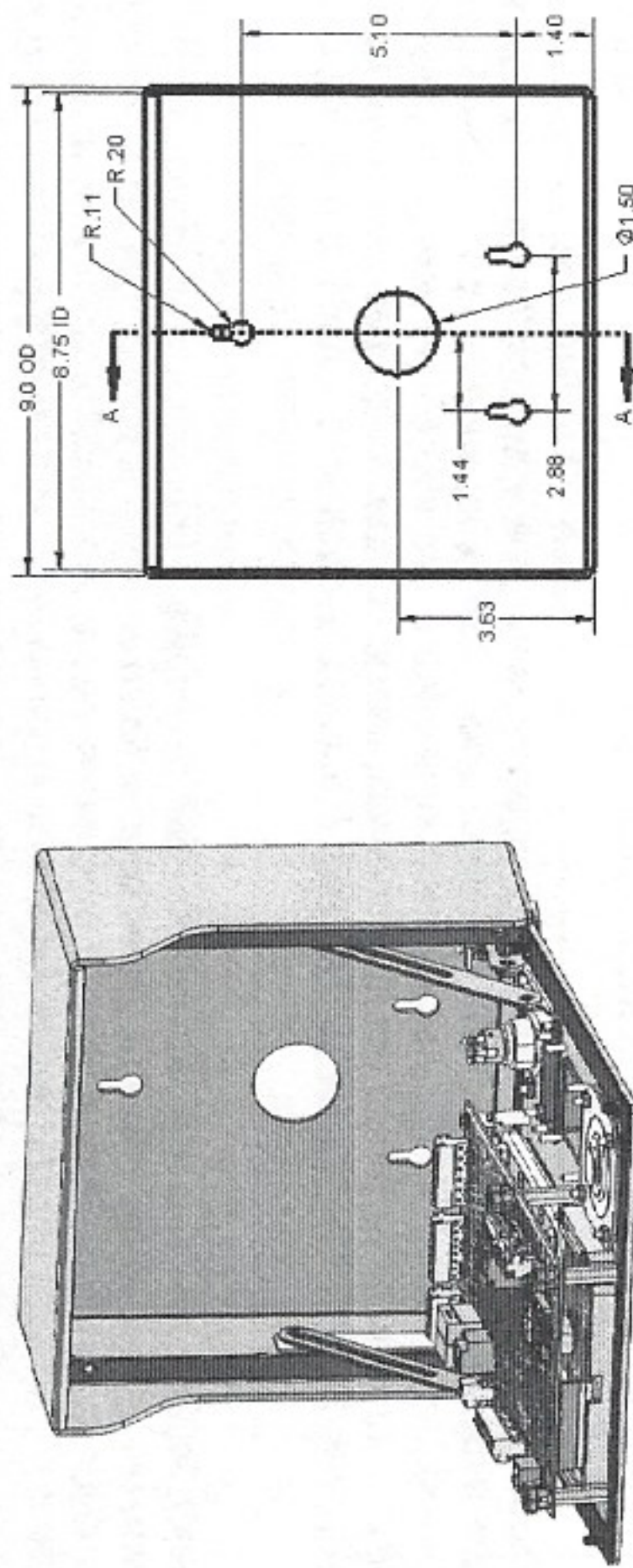


Figure 2 - Mounting Template

3. Pull the necessary wires through the wire hole on the back of the housing. Allow ample wire to remain inside the housing. After the wire connections are complete, excess wire can be pushed back into the gooseneck or wall or it can be carefully positioned inside the keypad housing for future maintenance and service.

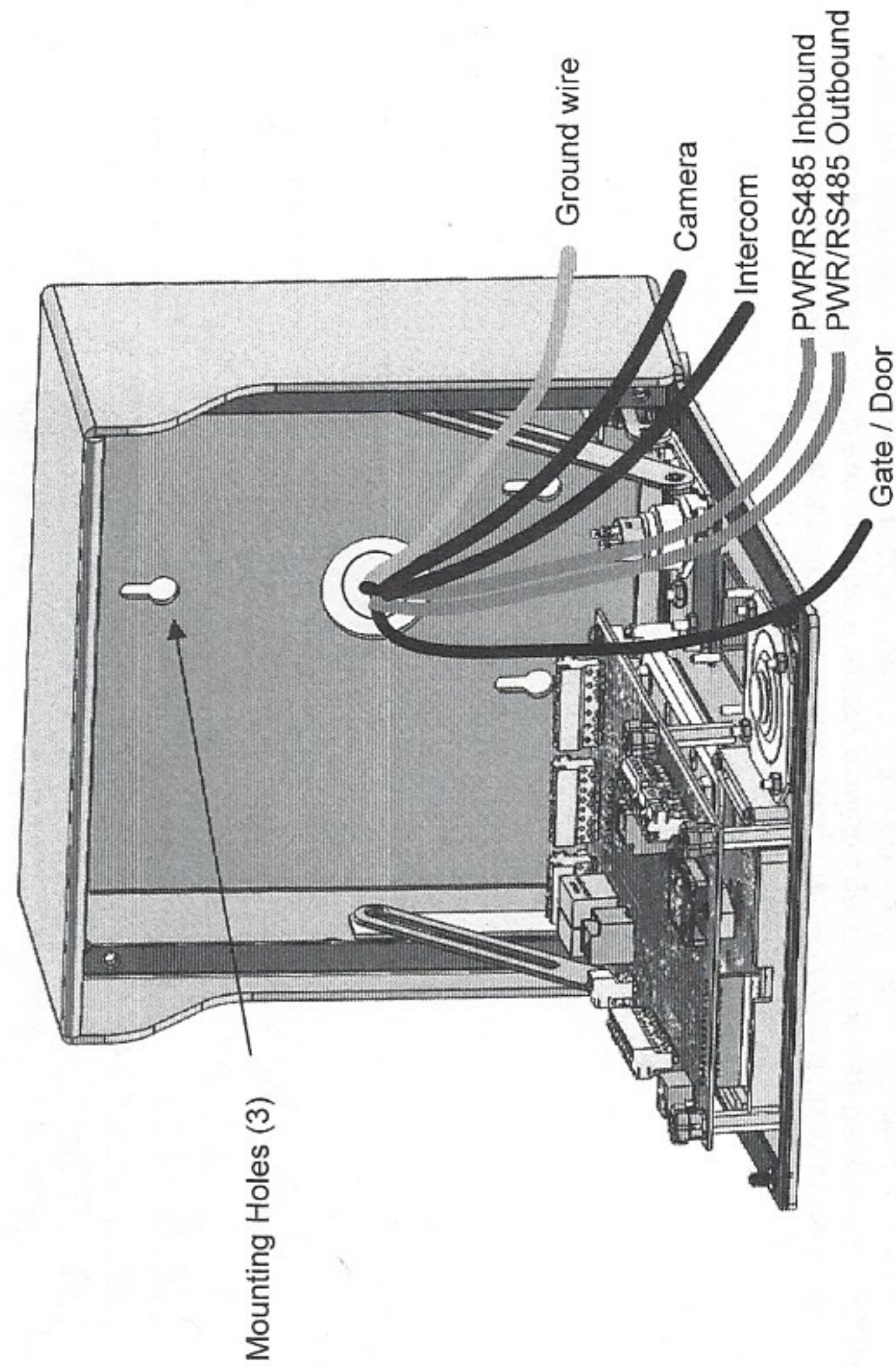


Figure 2 - Common Cables

**Wiring Connections:** Below is a connection diagram for the Keypad PCBA. Note: All installations must conform to local building and electrical codes and shall be in accordance with the Nation Electric Code, ANSI/NFPA 70. When discrepancies exist between local codes and this manual, local code takes precedence. All cables entering the gateway should be insulated and shielded with drain wires connected to earth ground at one end. In addition incoming cables other than the RS485 Cables must be less than 10 meters long. The R485 wires should be 18 gauge. Other wires must be between 16 and 26 Gauge wire.

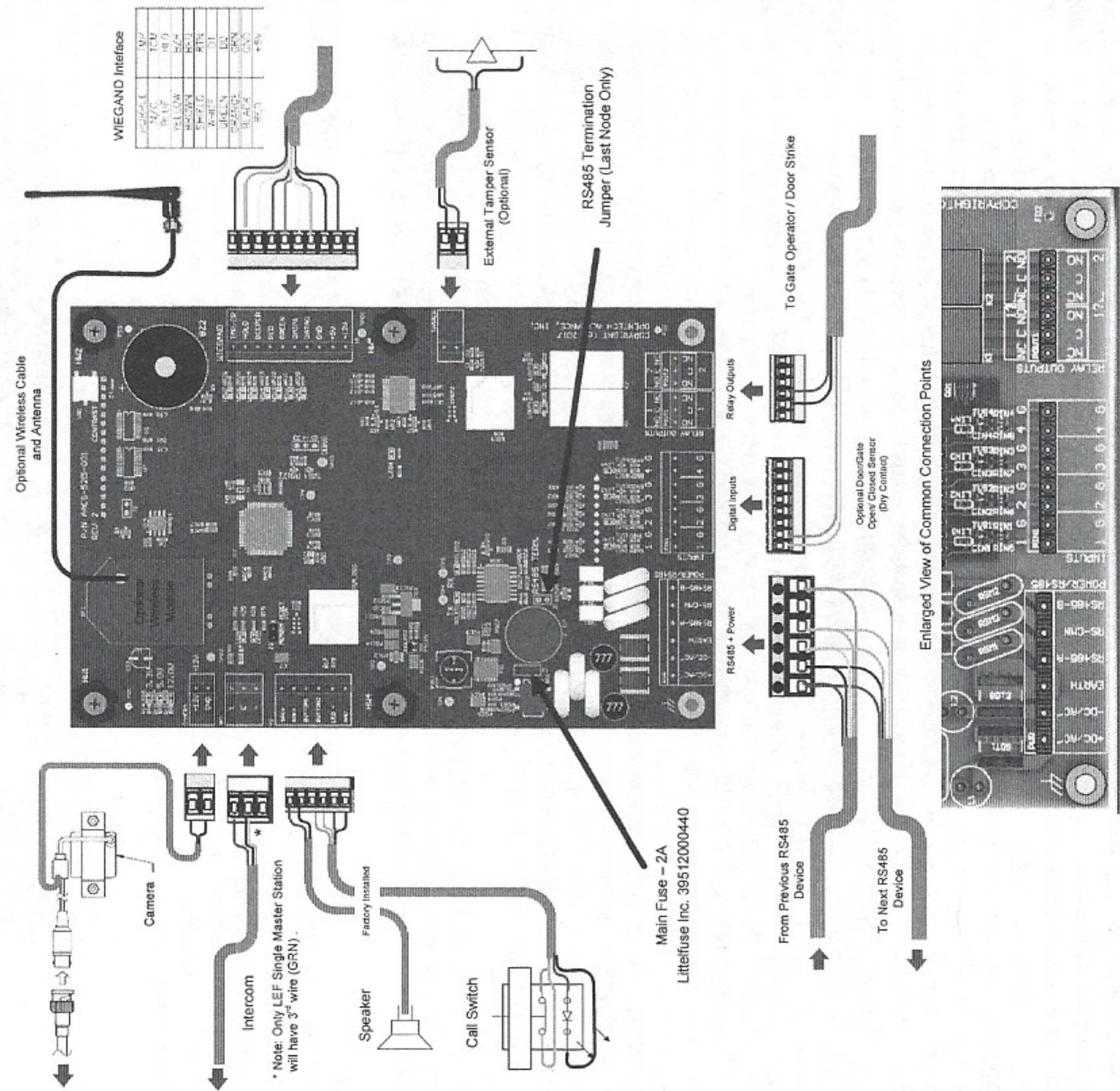


Figure 4