



Quick Install Guide



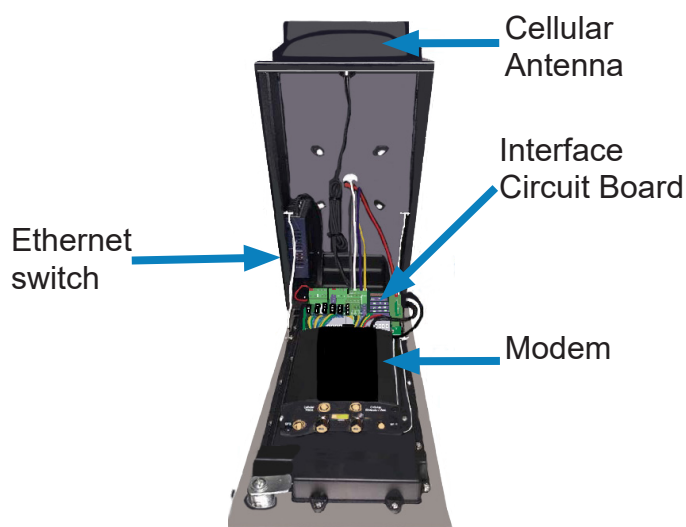


Recommended wiring: 18/6 shielded for main device, and 18/4 shielded for optional Wiegand devices.

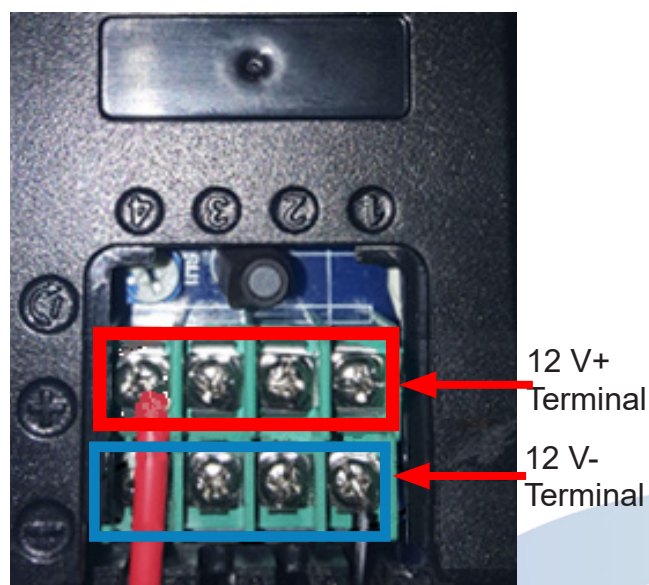
Items Included in Kit

1. Watchman Unit
2. 12 Volt DC Power Supply
3.  Magnetic Read Switch
4. **NOTE** Leave one key with the customer
5. Nuts **X 4**
6. Bolts **X 4**
7. Quick Install Guide
8. Activation & Test Process
9. Customer Information Packet

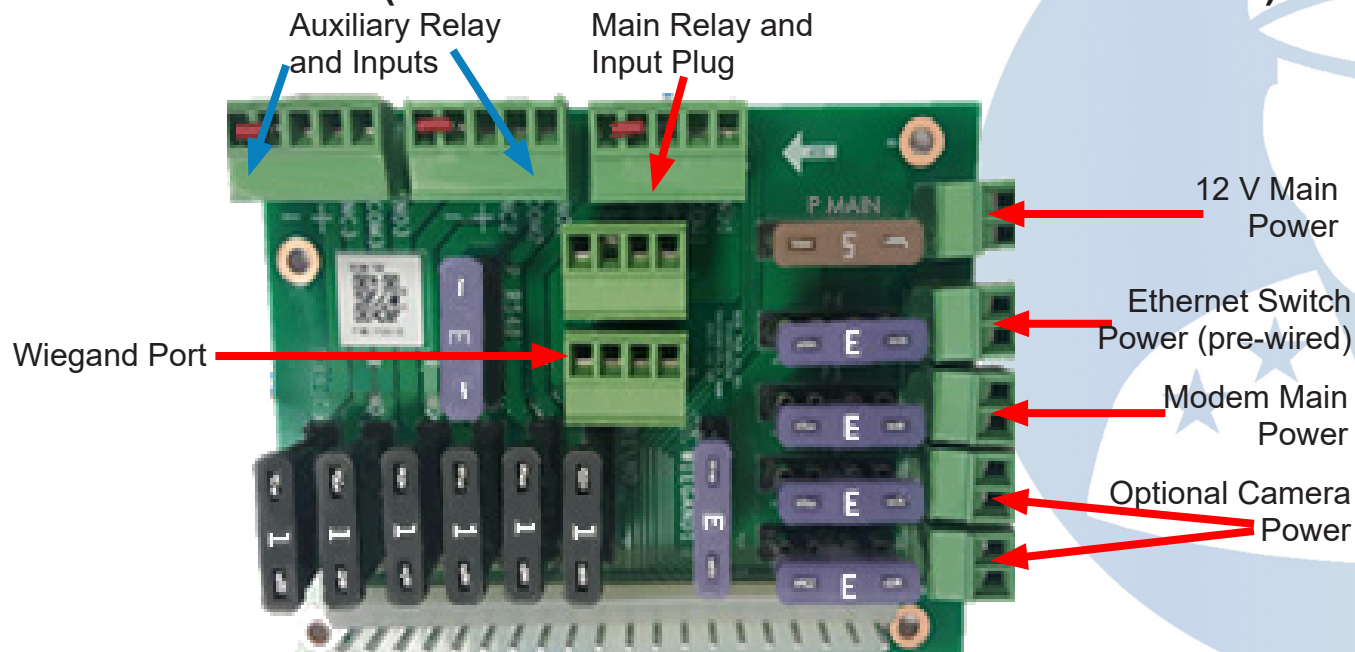
Watchman Unit



Power Supply Wiring



Interface Circuit Board (Oriented the same as the Watchman install)





Plug customer internet into the blue port

Plug Watchman into any yellow port

Plug optional external cameras into any yellow port

18 ga stranded: up to 25 ft.
16 ga stranded: up to 50 ft.
12 ga stranded: up to 60 ft.



Interface Wiring Diagram

Oriented the same as the Watchman install

To Magnetic Switch or Dry Contact on Operator

Gray: Negative

White: Positive

3

To Gate Operator

Free Exit or Exit Terminal

Yellow: Positive

Blue: Common Ground

Normally Open Connection

2

Optional Wiegand 26-Bit Connection

Red: 12 V power

Black: Ground

Green: Data 0

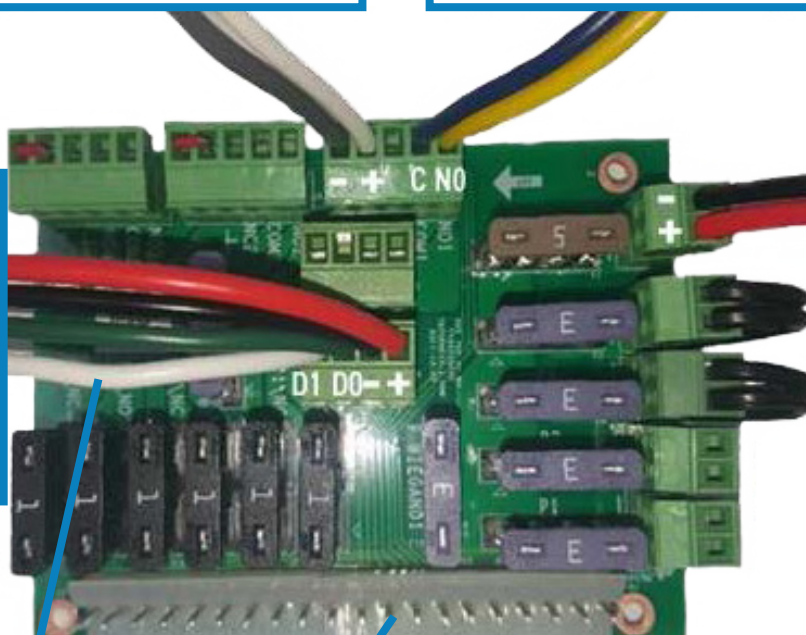
White: Data 1

4

Main Power

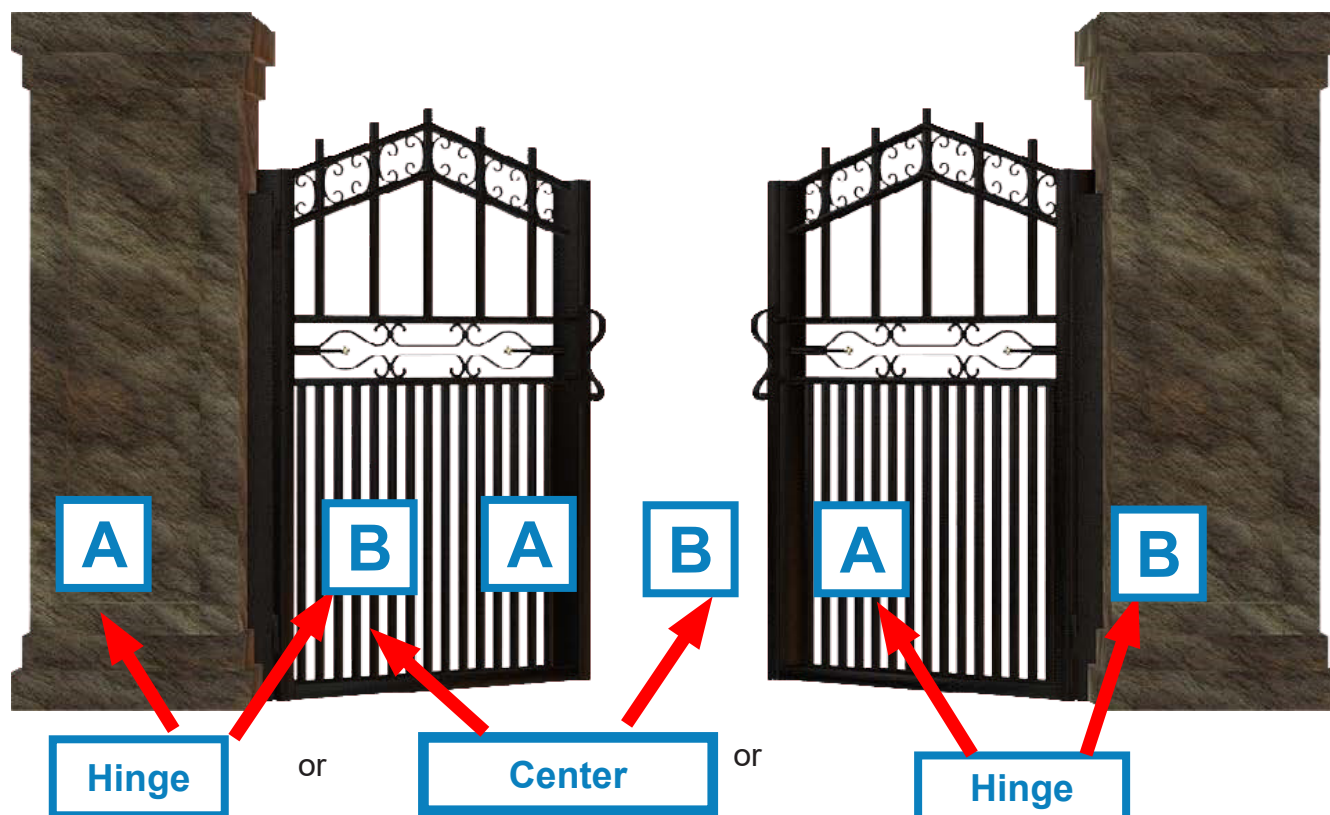
12 V Input Power

1

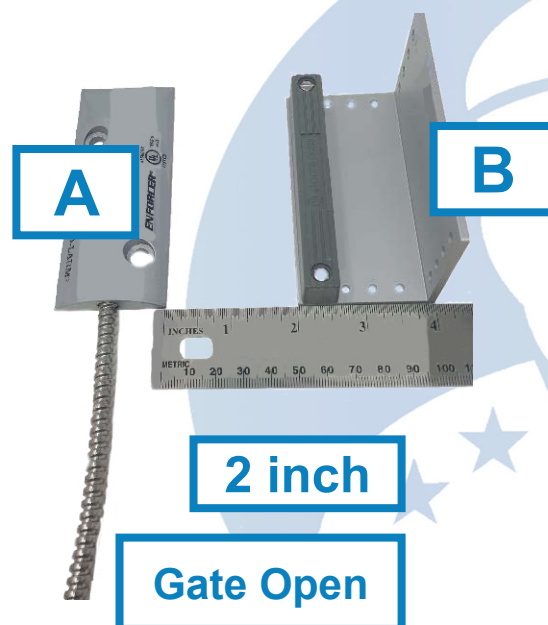
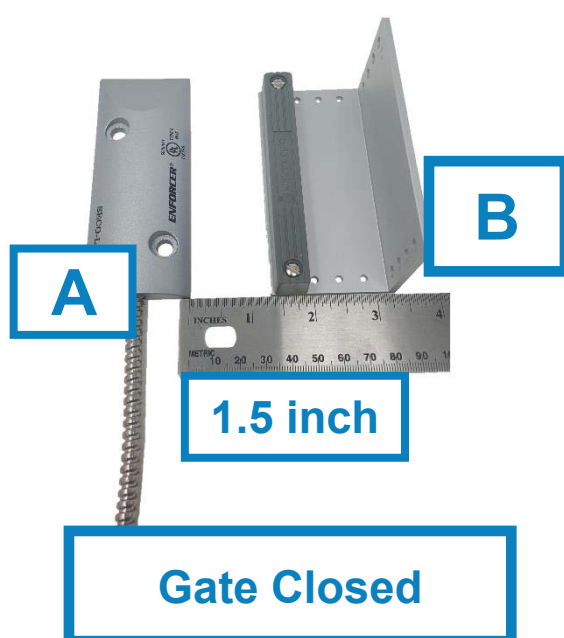


6-Wire Installation Instructions

1. Wire main power from the transformer to the power connector on the circuit board.
2. Connect gate trigger wires from the Normally Open (NO) and Common (C) to the free-exit or exit terminals on the gate operator.
3. Connect the gate status wires on the 6 pin connector on the main relay and input plug to the magnetic switch or a Dry Contact, Normally Closed (NC) relay on the gate operator.
4. If using an optional 26-bit reader (e.g., keypad, card reader, RFID, clicker), wire the device to the Wiegand connection on the interface circuit board.
5. Use *Camera Guide* if adding external camera.
6. Test and activate using the test credentials on the *Activation & Test Process* document.

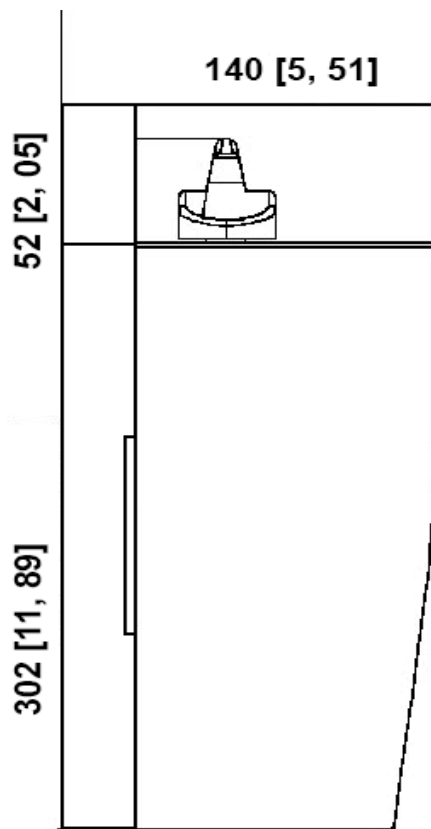
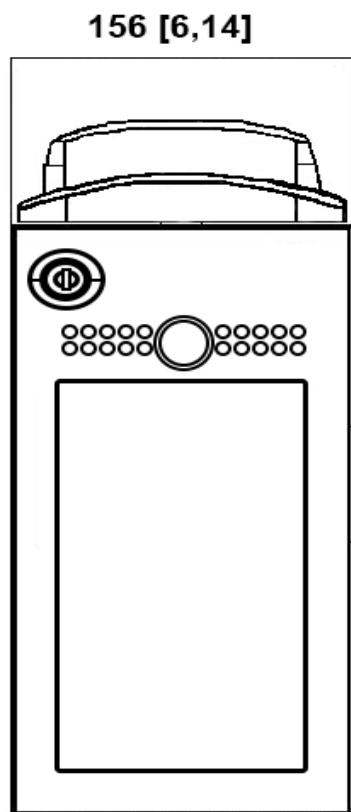


Place the Mag Switch anywhere you can pull A and B at least 2 inches away from each other when the gate is open, and where you can pull A and B 1.5 inches apart when the gate is open.

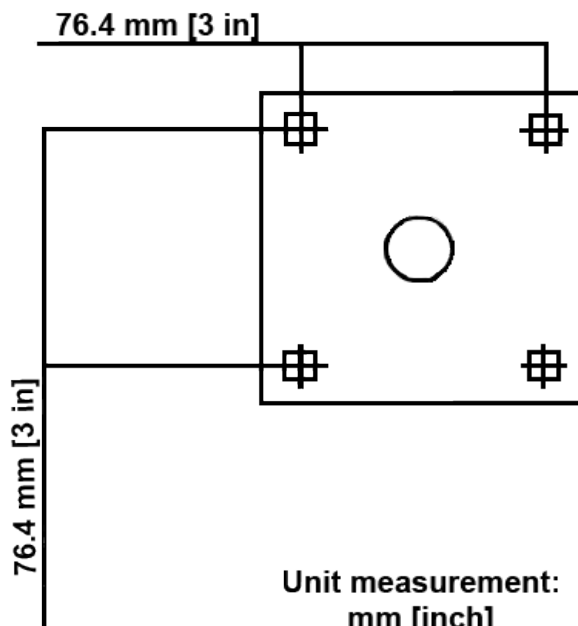
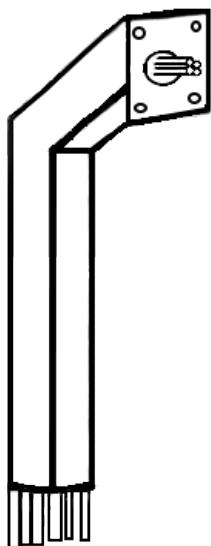


Note: Gate statuses can be inverted. If needed, please call Cellgate to invert.

Mounting to Standard Pedestal Mount



Unit Measurement: mm [inch]



Unit measurement:
mm [inch]

Mounting to Standard Pedestal Mount, Continued

