Quick Install Guide
**Recommended wiring: 18/6 shielded for main device, and 18/4 shielded for optional wiegand devices**

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<td>1 Watchman EVO Unit</td>
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**Watchman EVO Unit**

**Power Supply Wiring**

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

**Cellgate Communication Box** (Oriented the same as the Watchman install)

- Cellular Modem.
- Ethernet Switch
- Interface Circuit Board

⚠️ Important Item
Internet Router connection

- Plug Customer Internet into the blue Port!
- Plug Watchman into any Yellow Port!
- Plug Optional External Cameras into any yellow Port!
Interface Wiring Diagram to Watchman (Option 1 - Wiring from the CellGate control board.)

Main power Inputs Wiegand

Relay connections
Relay and input wiring for a normally open & normally closed dry contact. (No voltage to lock or gate.)

Normally closed Dry contact with status

<table>
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<tr>
<th>Gate Or Lock Status</th>
<th>Gate Or Lock Relay Normally Closed</th>
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Normally open dry contact with status.

<table>
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<tr>
<th>Gate Or Lock Status</th>
<th>Gate Or Lock Relay Normally open</th>
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Relay and input wiring for lock that requires constant 12 volts. (Voltage is removed when the relay activates.)

Normally Closed. 12 Volt Constant Power & Status

- Gate or Lock Status
- Lock Relay with constant power.
Relay and input wiring for 12 only on relay trigger. (No voltage to lock or gate)

Normally Open. 12 Volt Power Provided to lock on relay activation & status

- **Gate Or Lock Status**
- **Lock Relay**
  - With 12 volts when relay is active
Direct Wire to the faceplate

Relay and input wiring for a normally open & normally closed dry contact. (No voltage to lock or gate.)

Normally open dry contact

Gate Or Lock
Status

Gate Or Lock
Relay
Normally open

Normally Closed dry contact

Gate Or Lock
Status

Gate Or Lock
Relay
Normally Closed
Direct Wire to the faceplate

For lock that requires constant 12 volts. (Voltage is removed when the relay activates.)

Gate or Lock Status

12 Volt source

Lock Relay
With 12 volts
when relay is active
Direct Wire to the faceplate

Relay and input wiring for 12 only on relay trigger. (No voltage to lock or gate.)
Wiegand Wiring to interface board and direct to faceplate

To Interface board

Direct to front plate

12 Volt Source

Wiegand Device

Wiegand Device