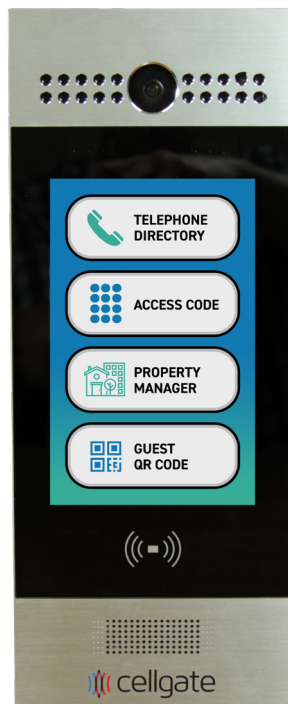


Watchman 462 Installation Guide



Created March 2025





Contents

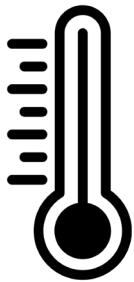
Items Included.....	3
Standard Power Wiring.....	4
Power Over Ethernet.....	5
Faceplate Wiring Diagram.....	5
Mounting	
Pre-Mounting: Black Enclosure.....	6
Surface Mounting.....	7
Flush Mounting.....	8





Items Included

- Watchman 462 Faceplate
- Ethernet Extension Cord
- 12 Volt DC Power Supply
- Customer Information Packet



Operating Temperatures

-20° to 55° C
-4° to 131° F

Wiring Guidelines	
Gauge Wire	Wire Run
18	25 feet
16	50 feet
12	60 feet

We do not recommend running wires over 60 feet.

Required wiring: 6 conductor stranded and shielded for main device, and 4 conductor stranded and shielded for optional Wiegand devices.

Pay attention to polarity. The system uses DC power.

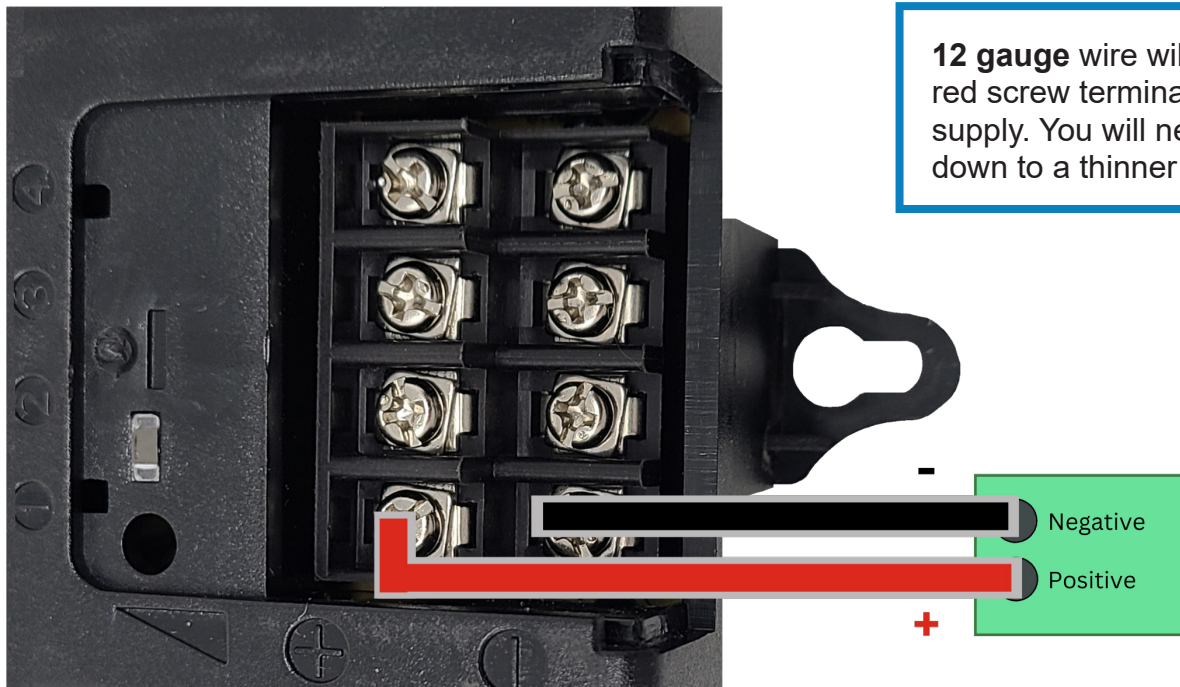




Standard Power Wiring

Some devices will be powered using the (PWR-200) 12V DC 5 Amp Transformer.

Ensure you wire the positive to the + and negative to the -

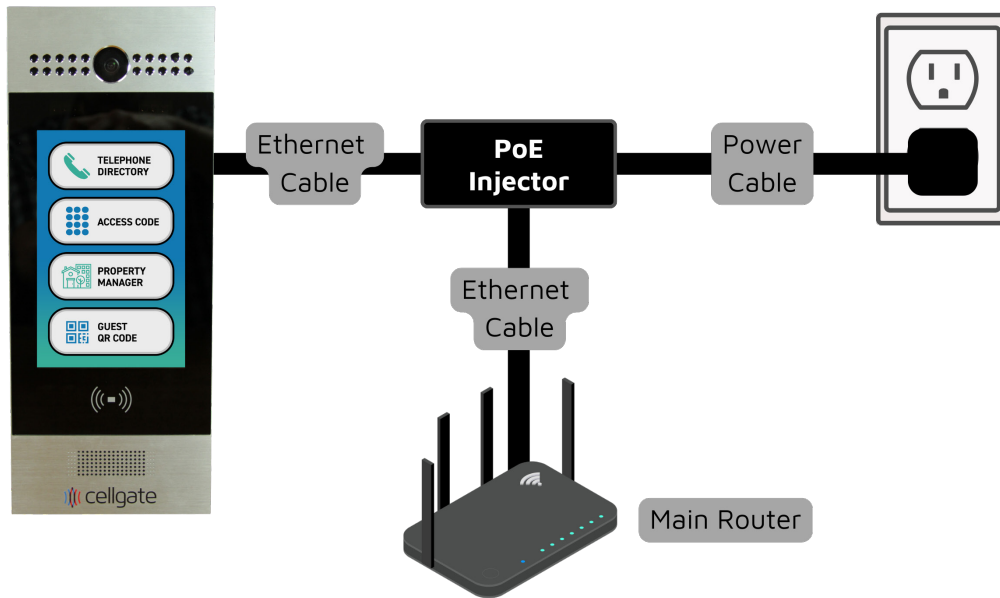


Use the Type-B grounded plug that is supplied with the transformer.

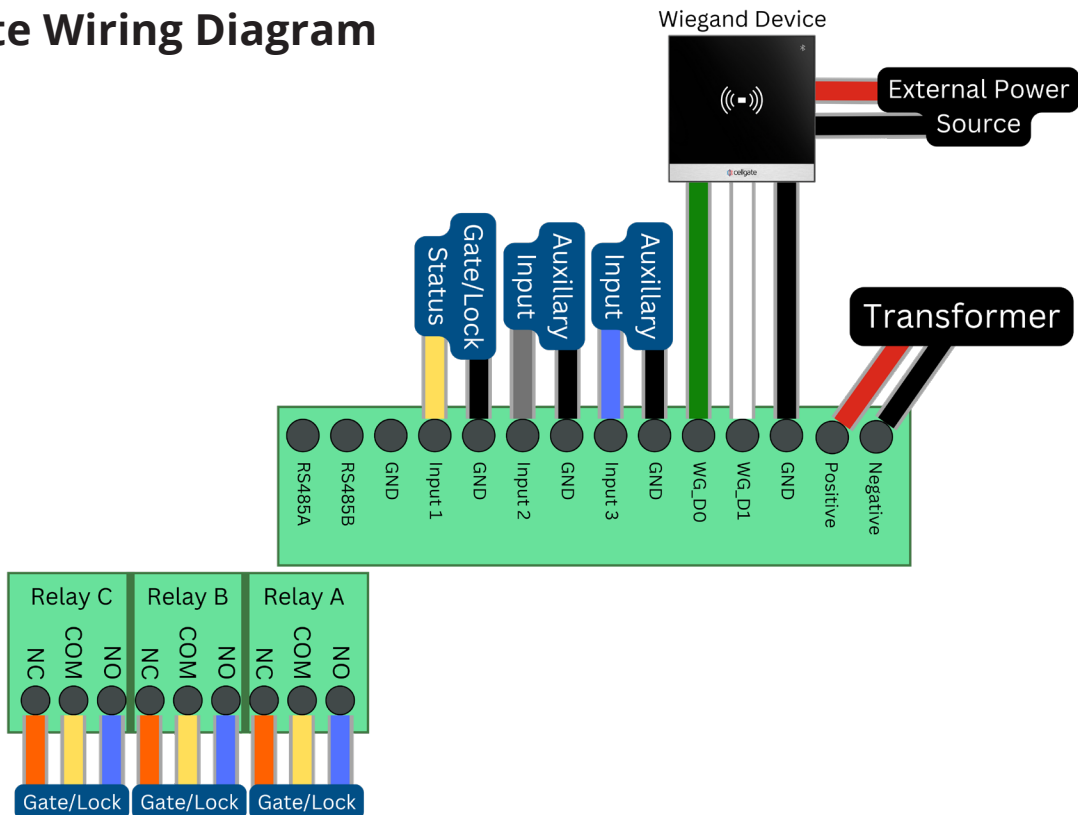


Power Over Ethernet (PoE)

The W462 supports power over ethernet (PoE). However, installers must provide a PoE injector.



Faceplate Wiring Diagram



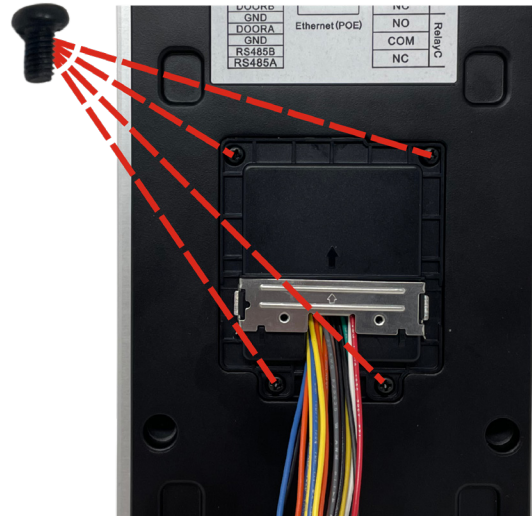


Pre-Mounting: Black Enclosure

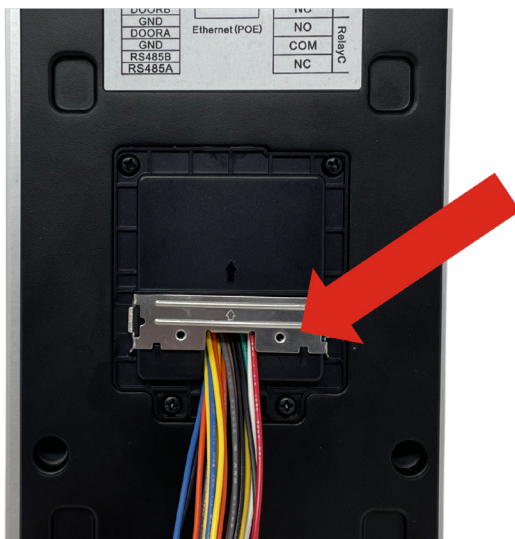
Before mounting the device, attach the black enclosure over the wires. This protects against water damage and other debris entering the device.



1. Push the ethernet cable through the hole, followed by the wires.



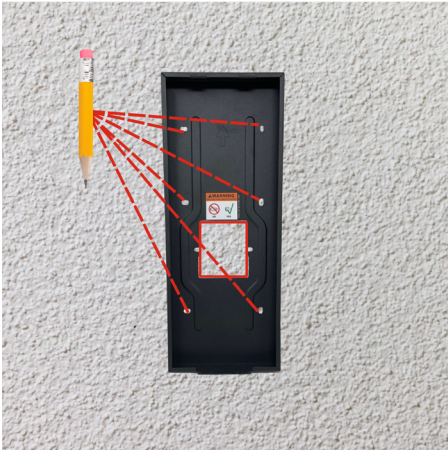
2. Press the enclosure onto the back of the device. Insert the four screws with rounded heads into the enclosure.



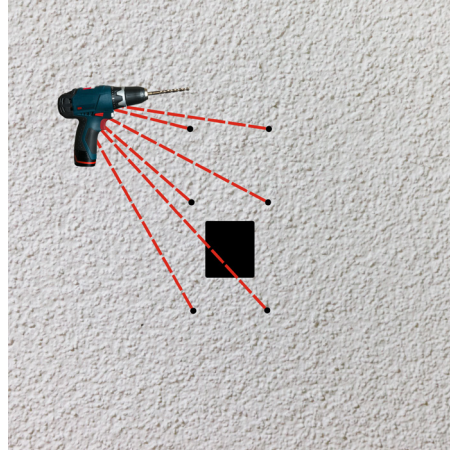
3. Be sure to press the metal crossbar onto the device. No tools are needed.



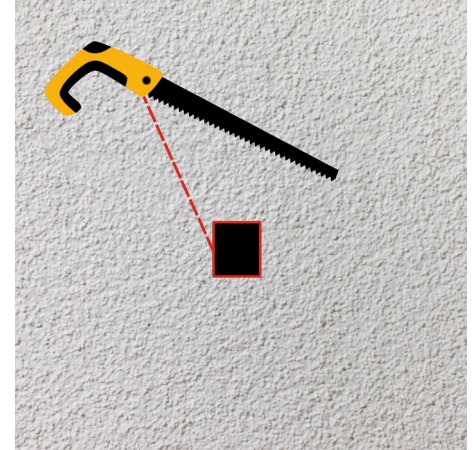
Surface Mounting



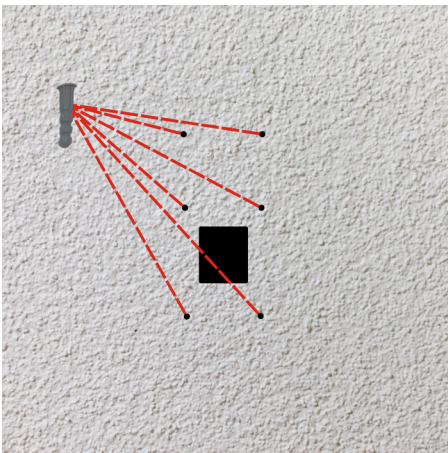
1. Place the back plate onto the wall. Use a pencil to mark the six screw holes and the square hole.



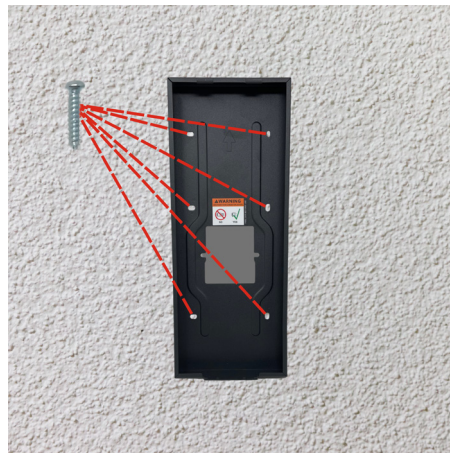
2. Use a drill for the screw holes (size 3/16 drill bit).



3. Cut the square hole.



4. Insert the plastic plugs into the screw holes.



5. Place the back plate onto the wall and attach the six screws.

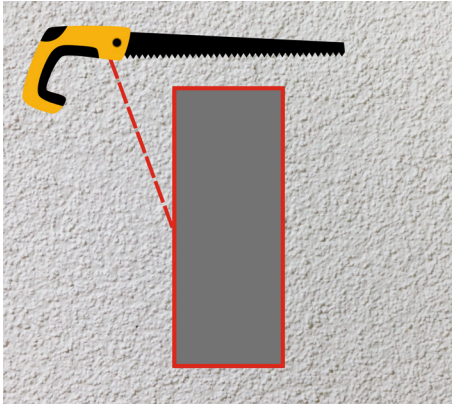


6. Place the device into the back plate. Be sure to push the wires through the square hole. Insert the flat-headed screws into the bottom.

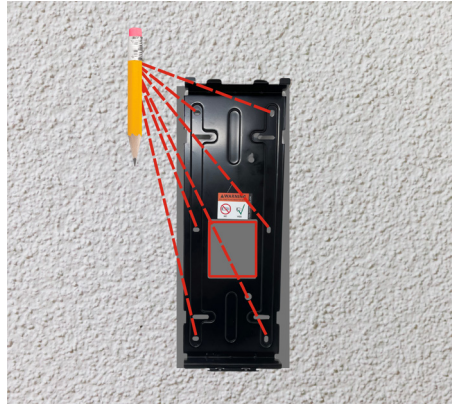


Flush Mounting

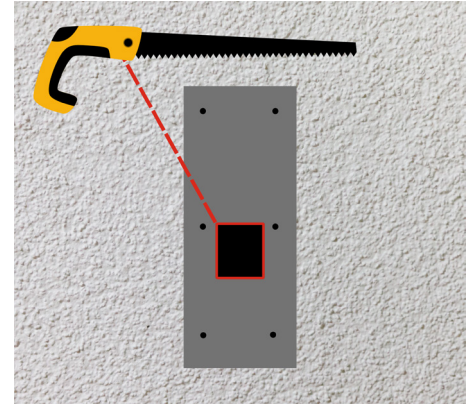
A flush mount can be used for walls that are at least 3 inches thick.



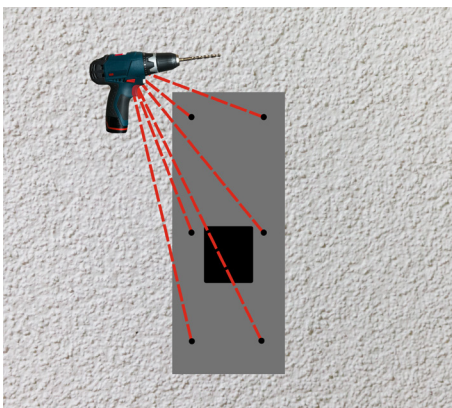
1. Cut a hole 4 and 5/8 inches wide, 12 inches high, and 1.5 inches deep.



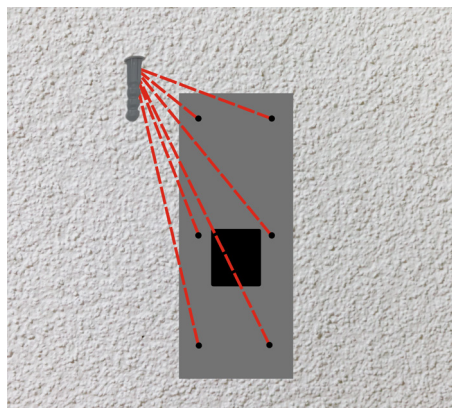
2. Place the back plate into the hole. Mark the six screw holes and the square wiring hole.



3. Cut the wiring hole.



4. Drill the screw holes (size 3/16 drill bit).



5. Insert the plastic plugs into the screw holes.



6. Place the back plate into the wall and attach the six screws.



7. Place the device into the back plate. Be sure to push the wires through the square hole. Insert the flat-headed screws into the bottom.

