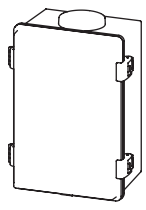
INSTALL GUIDE | ASCENT C²

Model **25-C2**

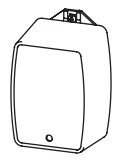
START HERE

1

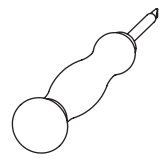
Unpack box and make sure you have all items shown here.



Ascent Unit



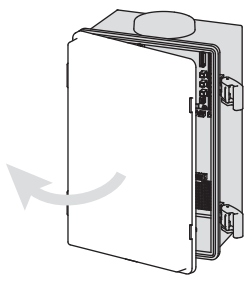
24-V AC/DC Adapter



Screwdriver

2

Unlatch and open unit door for wiring and setup.



STOP

This is a cellular accessory for a gate or door. An uninterrupted cellular connection **CANNOT BE GUARANTEED**!

An emergency egress or primary entry mechanism **SHOULD ALWAYS BE USED**! (transmitter, fire box, mechanical release)

Consult with your dealer, distributor, and/or system designer for more information.

IMPORTANT

This Ascent unit **WILL NOT WORK** until the activation process is **COMPLETE**!

See the included **Activation Guide** to get this unit activated.

If you need help or have any questions, please contact **Summit Control** at **(972) 474-6422**.

WARNING

AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!

ALWAYS CHECK THAT THE GATE PATH IS CLEAR BEFORE OPERATING!

REVERSING OR OTHER SAFETY DEVICES SHOULD ALWAYS BE USED!

IMPORTANT

If mounting in a location that will shield the puck antenna, the **4G LTE Antenna Extension Kit (Model 16-ANTX-1)** should be purchased and installed.

Failure to do so may result in NO SIGNAL!

CAUTION

Leave the “hockey puck” antenna in place even if using an antenna extension.

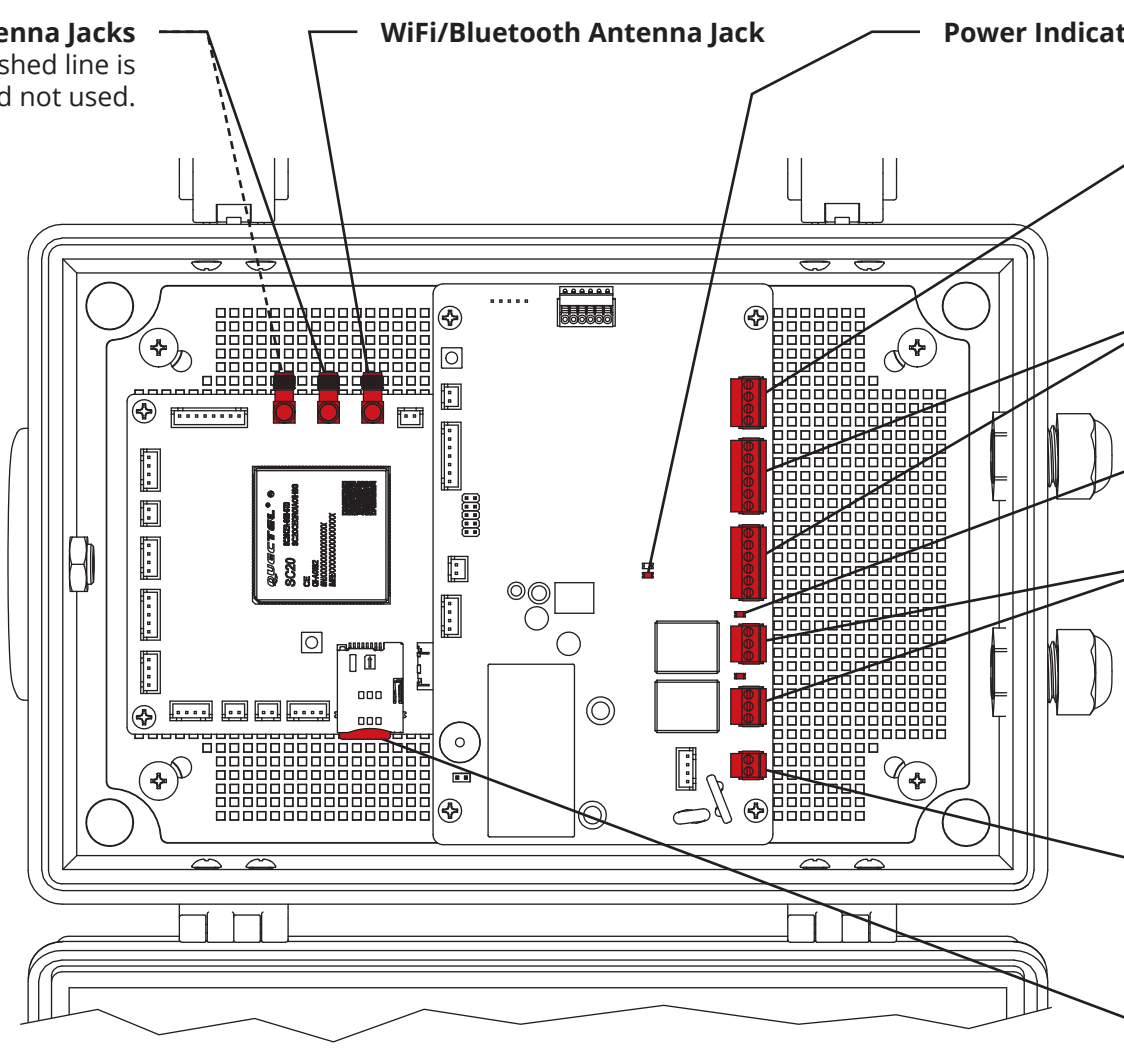
Seal all openings created in the enclosure.

Failure to follow these instructions can damage the unit!

What’s what?

All important components labeled

Unit shown with door fully open. Internal wiring not shown for clarity.



Cellular Antenna Jacks
Jack marked with dashed line is backup jack and not used.

WiFi/Bluetooth Antenna Jack

Power Indicator LED

Digital Input Terminals
For connecting accessory devices. Scan **QR code on next page** for wiring instructions.

Wiegand Terminals
For wiring to Wiegand devices. See **Page 2**.

Relay Status LEDs
Relay is active when lit.

Relay Terminals
For wiring to gate operator or door opener. See **Page 2**. Status LEDs are next to the relay they correspond to.

Power Terminals
For wiring to included power supply. See **Page 2**.

Smart SIM Card
Press in gently to eject.

NEED HELP

Call **(972) 474-6422**
Email **support@summitcontrol.com**
We are available **Mon–Fri** / **8am–5pm Central**

Flip page to continue...

3 Connect wires

Feed wires through one or both cable glands, and connect as shown using included screwdriver.

Consult gate/door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

Additional wiring diagrams can be found below and online.

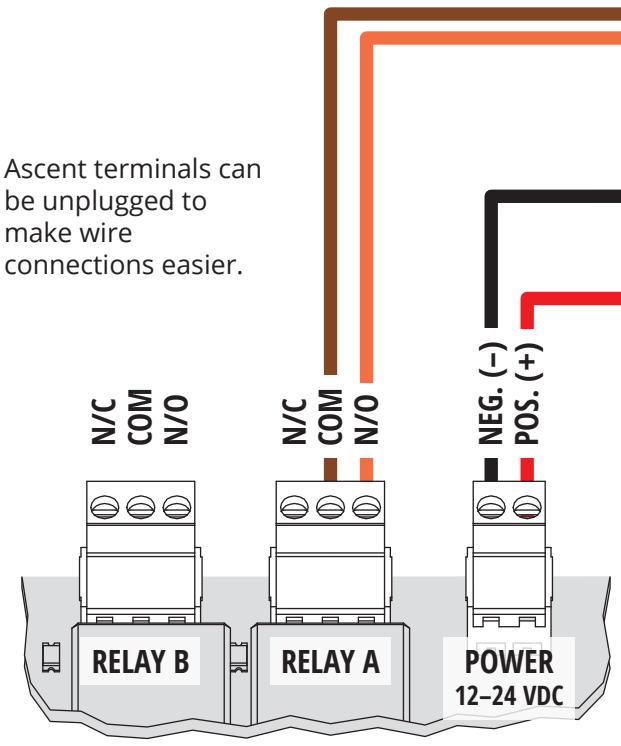
We recommend using 18-gauge stranded wire for all connections.

CAUTION

When connecting the power supply, remember to connect positive to positive and negative to negative to avoid damage.

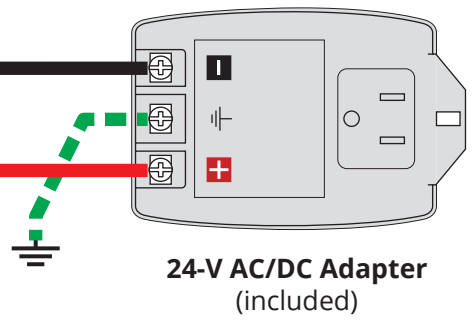
Reversing polarity can damage the unit and void the warranty!

Ascent terminals can be unplugged to make wire connections easier.



Ascent Power and Relay Terminals

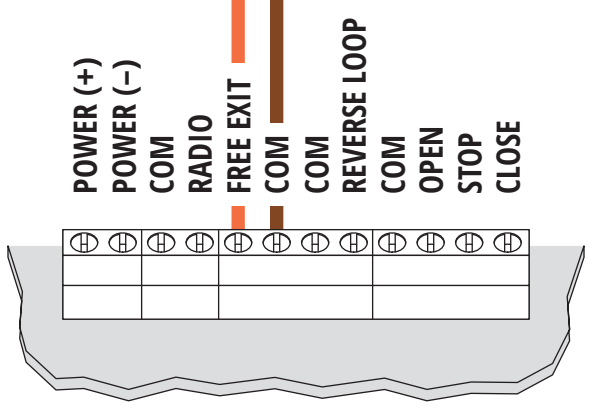
Relay B can be connected in same manner.



24-V AC/DC Adapter
(included)

The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

If plugging into duplex outlet, remove screw from outlet plate, and secure with included screw.



Gate Operator / Door Opener

STOP

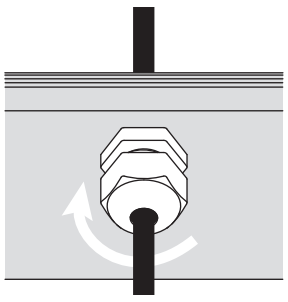
Before going forward, double check all wiring and make sure the unit has power!

A wiring diagram for connecting to Wiegand devices can be found below.

For connecting accessories not mentioned, please scan the QR code on this page.

4

Tighten cable gland locknuts, and then close and latch door of unit.



INSTALLATION COMPLETE!

Now follow the **Activation Guide** to create an account and begin using Ascent.

A Wiegand Device

Feed wires through one or both cable glands, and connect as shown using included screwdriver.

These terminals are used to connect a Wiegand device such as a card reader or Wiegand keypad.

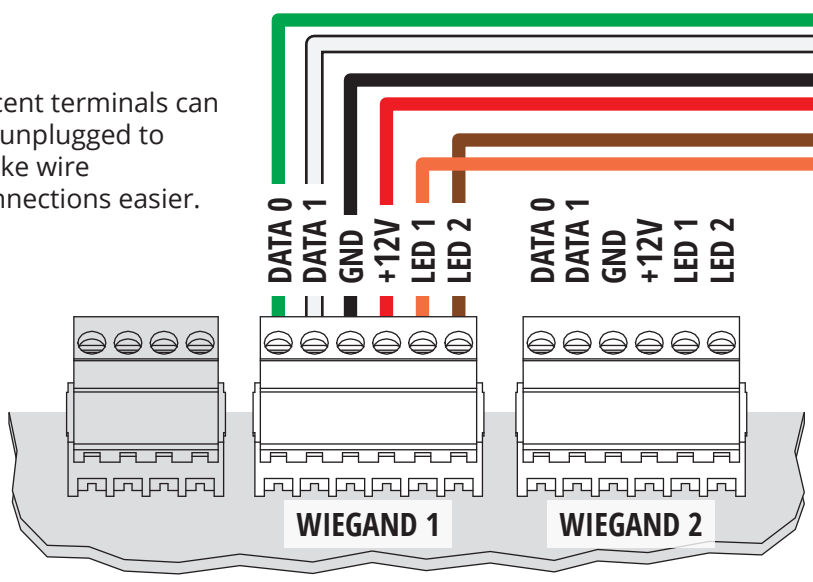
Either set of Wiegand terminals can be used for wiring and then configured in Summit Control.

CAUTION

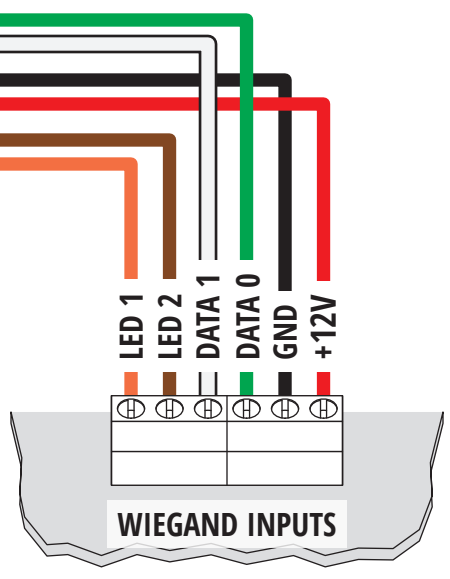
Disconnect power to the Ascent unit before connecting Wiegand devices.

Failure to disconnect power can damage the unit!

Ascent terminals can be unplugged to make wire connections easier.



Ascent Wiegand Terminals



Wiegand Device

Need More?

Use the QR code below to get access to more resources, including how-to videos and additional wiring diagrams for connecting accessory devices.

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