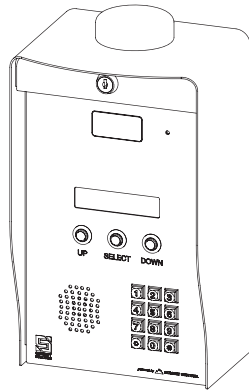


1

Unpack box and make sure you have all items shown here.
(Screwdriver not shown.)



Ascent Unit


12-V AC/DC Adapter
(PS-12DC2)


Key


Carriage Bolt
(4x)

Hex Nut
(4x)


STOP



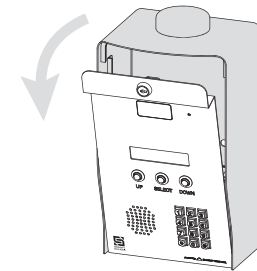
This is a cellular accessory for a gate or door.
An uninterrupted cellular connection
CANNOT BE GUARANTEED!

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.

2

Unlock and open front panel of unit for
mounting, wiring, and setup.



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



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

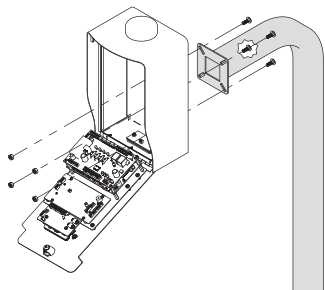
Follow the included **Activation Guide** to get
this unit activated.

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

Continued on next page...

3

Mount unit to pedestal using included mounting hardware.
(This step may be completed later.)



IMPORTANT



We recommend mounting the unit on a gooseneck pedestal using the included mounting hardware.

If using alternate mounting, 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



Use all four carriage bolts when mounting the unit to a pedestal.

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

Status and Event Terminals

For enabling gate status and connecting request-to-exit devices
See Pages 4 and 5

Wiegand Device Terminals

For wiring to Wiegand devices
See Page 6

Power and Relay Terminals

For wiring to power and gate operator or door opener
See Page 3

Relay Status LEDs

Relay is active when lit

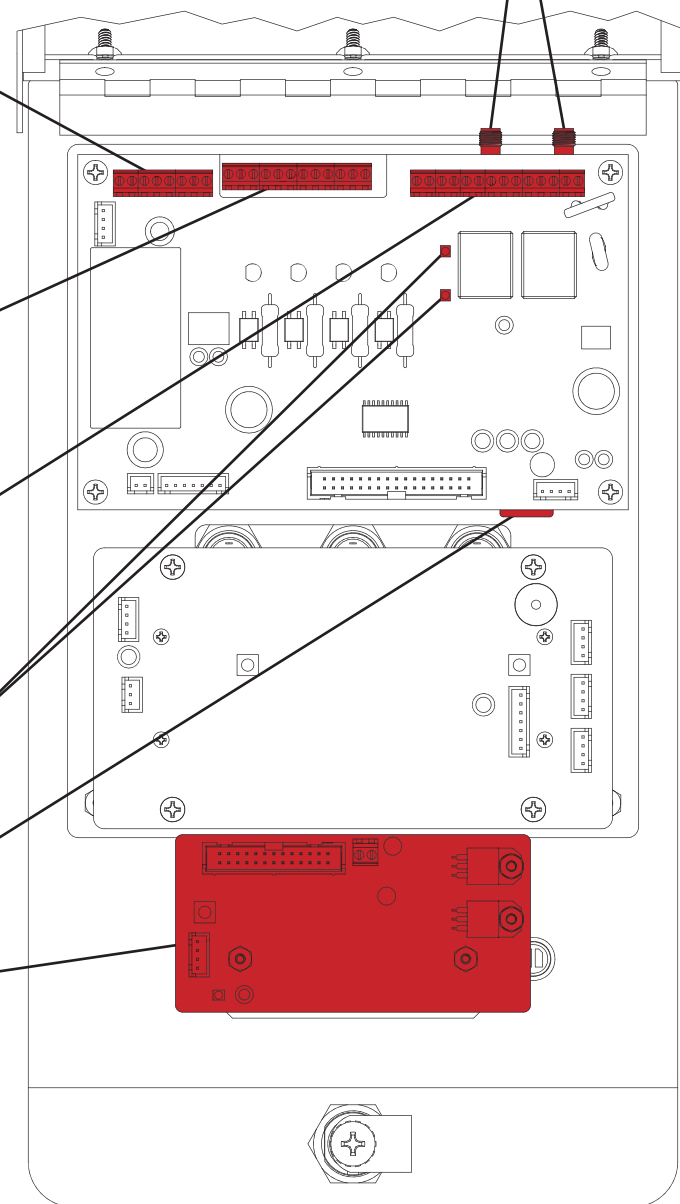
SIM Card

Ascent Camera

For automatic and on-demand photo capture

Inside of front panel shown.
Wiring/cabling not shown for clarity.

Antenna Jacks
Antenna extension kits connect here



4

Connect wires

Feed wires through back of unit, and connect as shown using included screwdriver.

Excessive force can damage unit!

Additional wiring diagrams can be found on **Pages 4-6**.



CAUTION



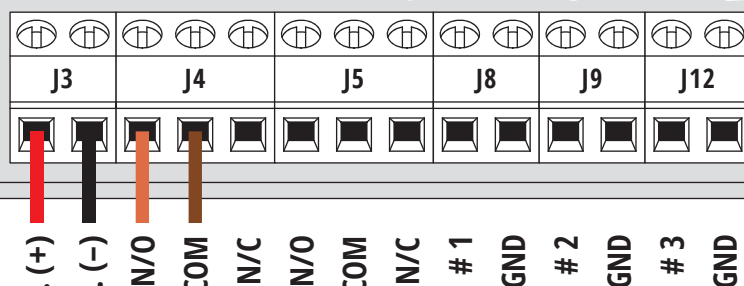
If the included 12-V AC/DC adapter will not be used, please go to **Page 5** and follow the procedure, **Using a Third-Party Power Source**.

Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage the unit!

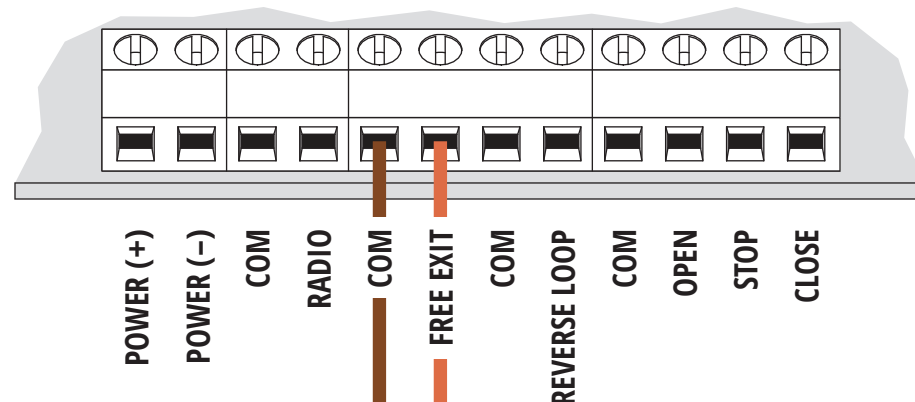
Ascent Power and Relay Terminals

12-24 VAC/DC

POWER RELAY A RELAY B DIGITAL INPUTS



Gate Operator / Door Opener

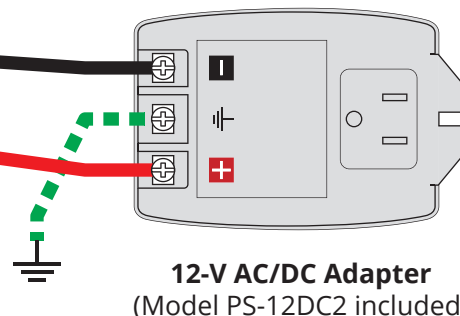


Relay B can be wired to a second device in the same manner.

Third-Party 12-24-VAC/DC Power Source

OR

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



Consult gate/door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

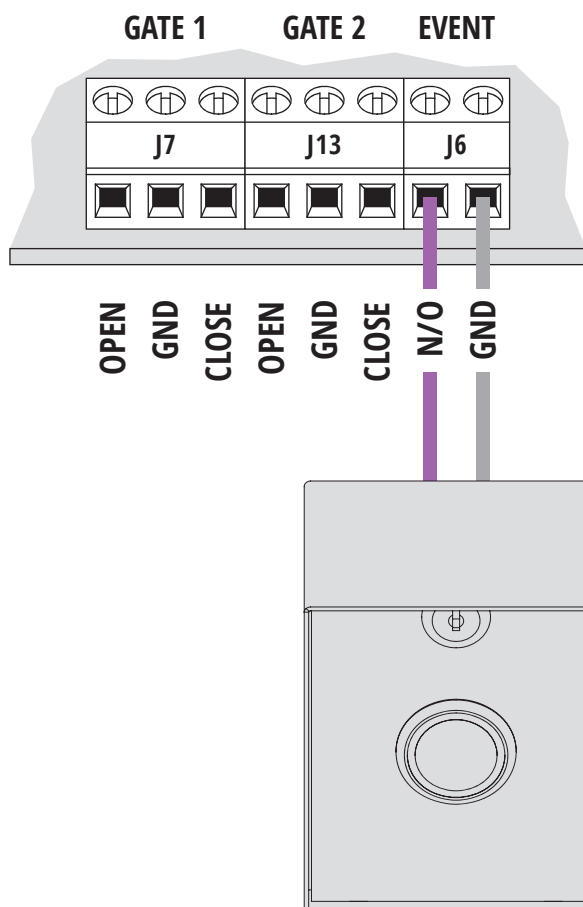
If plugging into duplex outlet, remove screw from outlet plate, and secure with included screw.

B

Event Input

Wiring for accessories such as a request-to-exit device

Ascent Status and Event Terminals



Request-to-Exit Device

(58-RTE-P is shown)

Using a Third-Party Power Source (Optional)



IMPORTANT



Verify your power source is compatible with the unit's electrical specifications below.

Not intended for solar applications!

Input	12–24 VAC/DC no more than 10% beyond this range
Current Draw	less than 600 mA @ 12 VDC less than 320 mA @ 24 VDC

4a

Connect wires to unit as shown in Step 4.

4b

Connect wires to your power source, making sure you connect positive to positive and negative to negative.



CAUTION



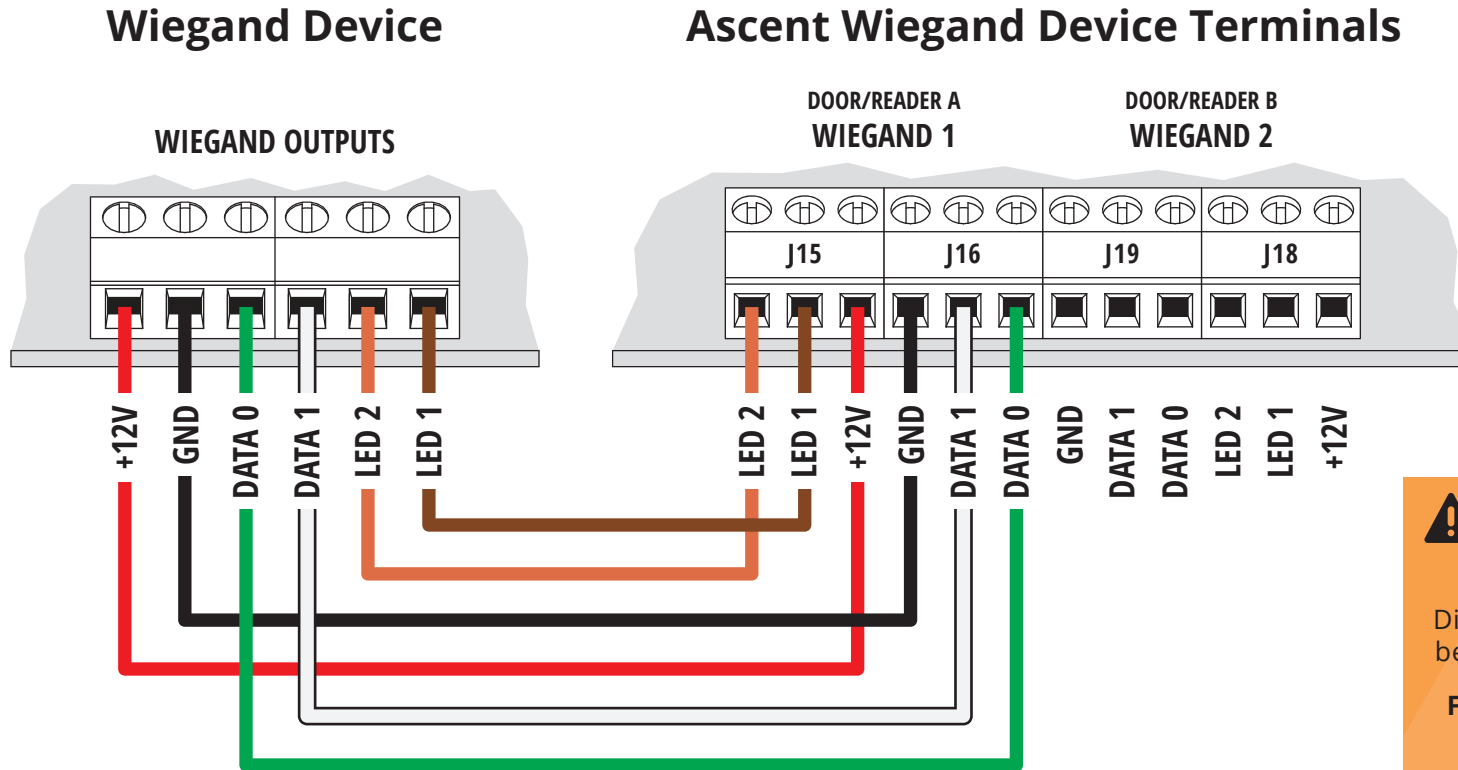
Double check that you have wired from positive on the Ascent unit to positive on your power source and negative on the Ascent unit to negative on your power source.

Reverse polarity can damage the unit!

C

Wiegand Device

Wiring for a Wiegand device such as a card reader



CAUTION

Disconnect power to the Ascent unit before connecting Wiegand devices.

Failure to disconnect power can damage the unit!



SECURITY BRANDS INC.
your *partner* in access control

NEED HELP

Call (972) 474-6422

Email support@summitcontrol.com

We are available **Mon-Fri / 8am-5pm Central**

