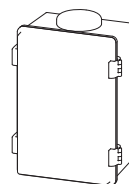


# ASCENT C<sup>2</sup> QUICK START GUIDE

Model 25-C2

START HERE

- 1 Carefully unpack box and make sure you have all items shown below. (Screwdriver not shown)



Ascent Unit



12-V AC/DC Adapter  
(PS-12DC1)

## ! IMPORTANT!

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

Follow the **Activation Guide** or call **Summit Control** at **(844) 259-8265** to activate your unit.

## ! STOP!

This is a cellular accessory for a gate/door, so 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.

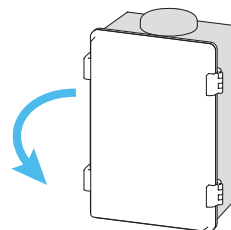
## ! WARNING!

**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!**

- 2 Unlatch and swing open door of unit for wiring and setup.

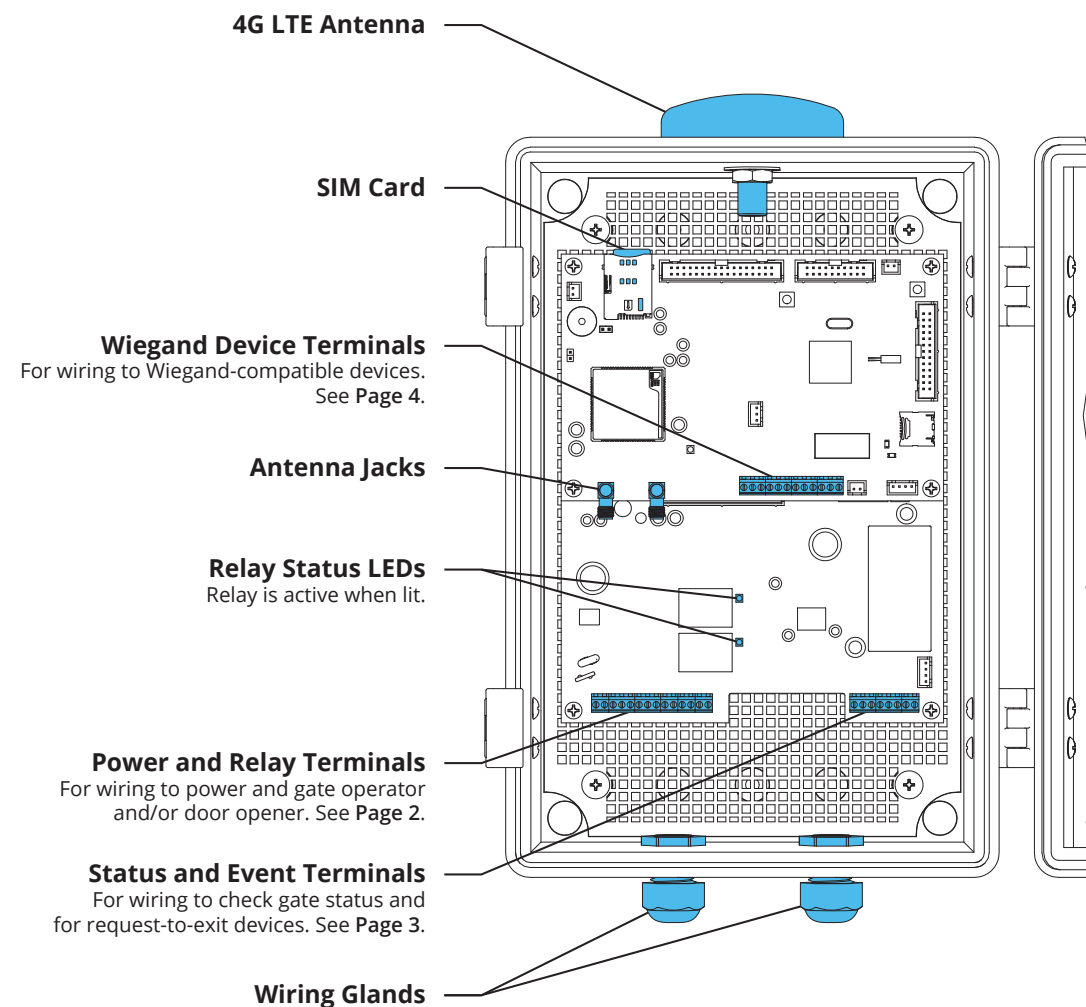


Continued on next page...

## What's what?

Important components labeled

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



# ASCENT C<sup>2</sup> QUICK START GUIDE

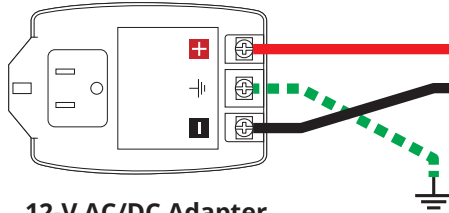
## 3 Connect wires

Feed wires through cable gland(s) on unit and connect as shown using included screwdriver.

Excessive force can damage unit.

Tighten cable-gland locknut(s).

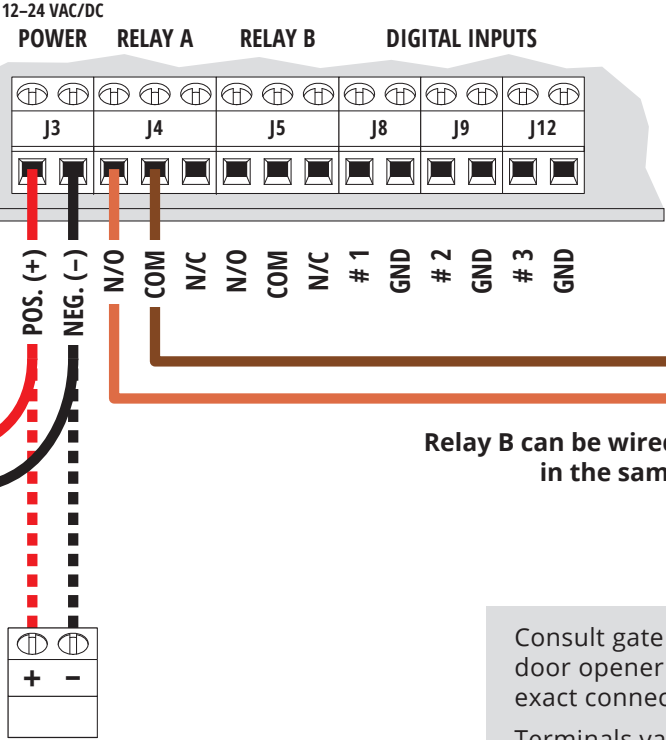
If plugging into duplex outlet, remove screw from outlet plate, and secure with included screw.



12-V AC/DC Adapter  
(Model PS-12DC1 included)

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

OR



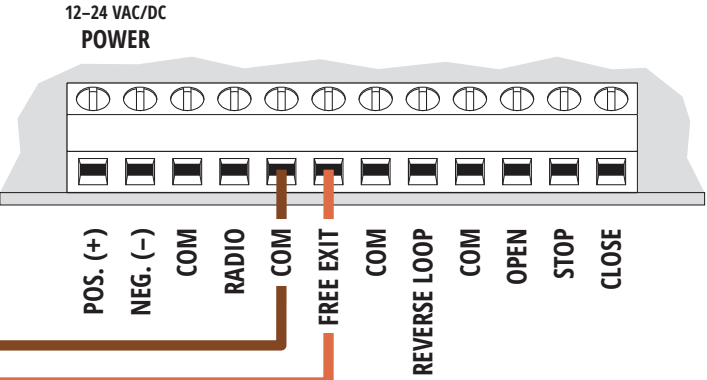
Third-Party 12-24-VAC/DC  
Power Source

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

Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

## Gate Operator / Door Opener



Additional wiring diagrams can be found on **Page 3**.



## CAUTION!

If you will not be using the 12-V AC/DC adapter, please go to **Page 4** 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 unit!**



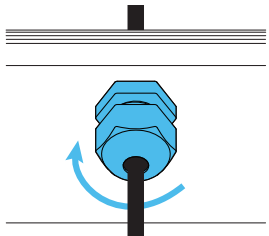
## STOP!

**Before going forward, double check wiring and ensure unit has power!**

For additional wiring options, see **Page 3**.

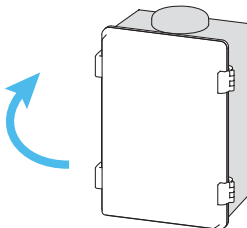
4

Tighten cable-gland locknut(s).



5

Close and latch door of unit.

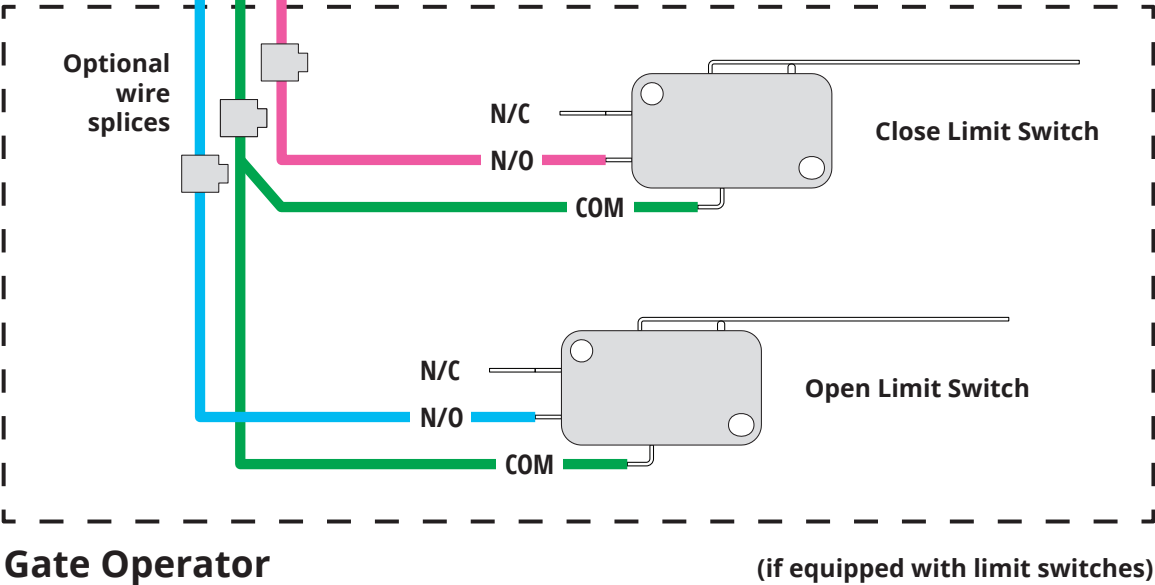
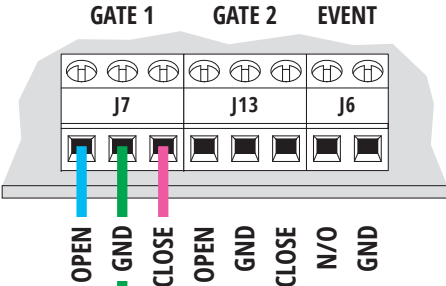


## INSTALLATION COMPLETE!

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

**A** Status Check  
Wiring to enable Gate Status Check

Ascent Status and Event Terminals



**CAUTION!**

The Status Terminals are designed for low voltage (**3 V or less**). Check the voltage on your status wires before connecting. If it is above 3 V, you will need to contact **Technical Support**.

**Exceeding 3 V can damage unit!**

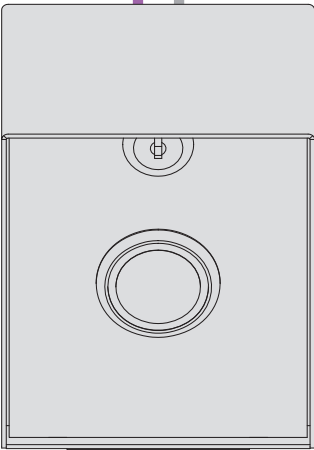
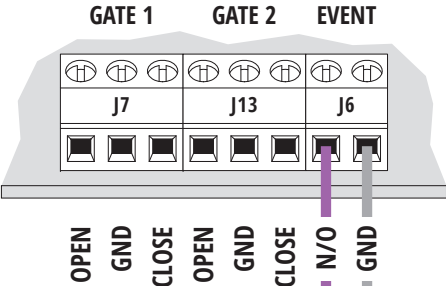
**IMPORTANT!**

Gate Status Check **WILL NOT WORK** with a decoder!

**YOU MUST USE A DRY CONTACT!**

**B** Event Input  
Wiring for accessories such as a request-to-exit device

Ascent Status and Event Terminals



**Request-to-Exit**  
(S-RTE-P is shown)

# ASCENT C<sup>2</sup> QUICK START GUIDE

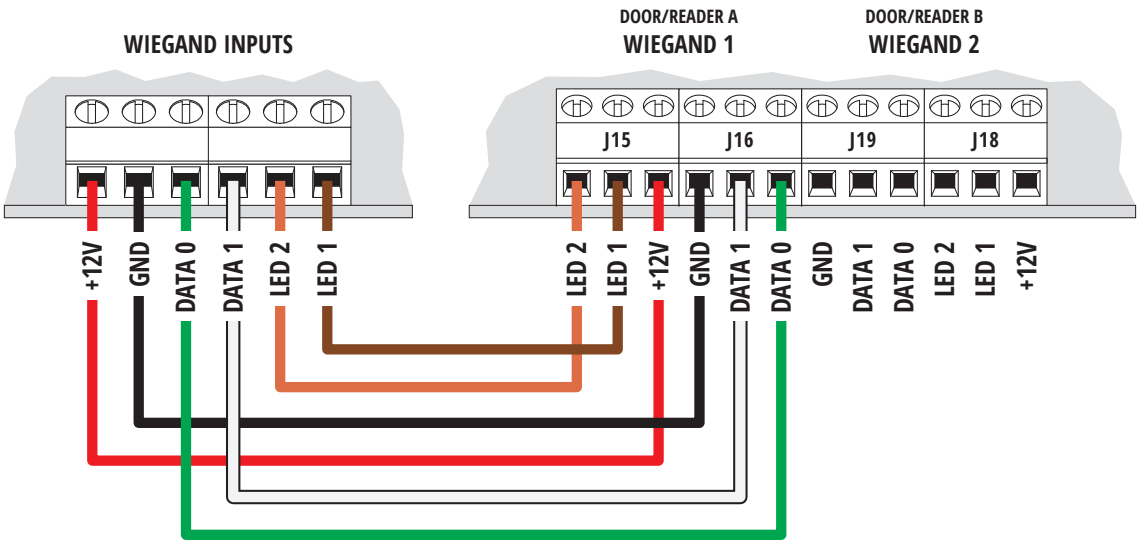
Model 25-C2

## C Wiegand Device

Wiring for Wiegand devices

### Wiegand Device

### Ascent Wiegand Device Terminals



### CAUTION!

Disconnect power to Ascent before connecting Wiegand devices.

Failure to disconnect power can damage unit!



### IMPORTANT!

If mounting Ascent inside a metal enclosure, the **4G LTE Antenna Extension Kit (p/n 16-ANTX-1)** should be purchased and installed.

Failure to do so may result in **NO SIGNAL!**

## Using a Third-Party Power Source (Optional)



### IMPORTANT!

If you would like to use a third-party power source, such as solar, verify that it conforms to the following specs:

Input	12–24 VAC/DC no more than 10% beyond this range
Current Draw	less than 260 mA @ 12 VDC less than 160 mA @ 24 VDC

3a

Connect wires to unit as shown in Step 3.

3b

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



### CAUTION!

Double check that you've wired from positive on Ascent to positive on your power source and negative on Ascent to negative on your power source.

Reverse polarity can damage unit!



# NEED HELP

Call (844) 259-8265

Email [support@summitcontrol.com](mailto:support@summitcontrol.com)

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



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