QUICK START GUIDE | ASCENT LT

Model 25-LT

1 **Carefully unpack box and make sure you have everything shown here.**
(Screwdriver not shown)

START HERE

Ascent Unit

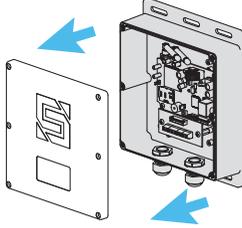12-V AC/DC Adapter
(PS-12DC1)

⊘ 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.
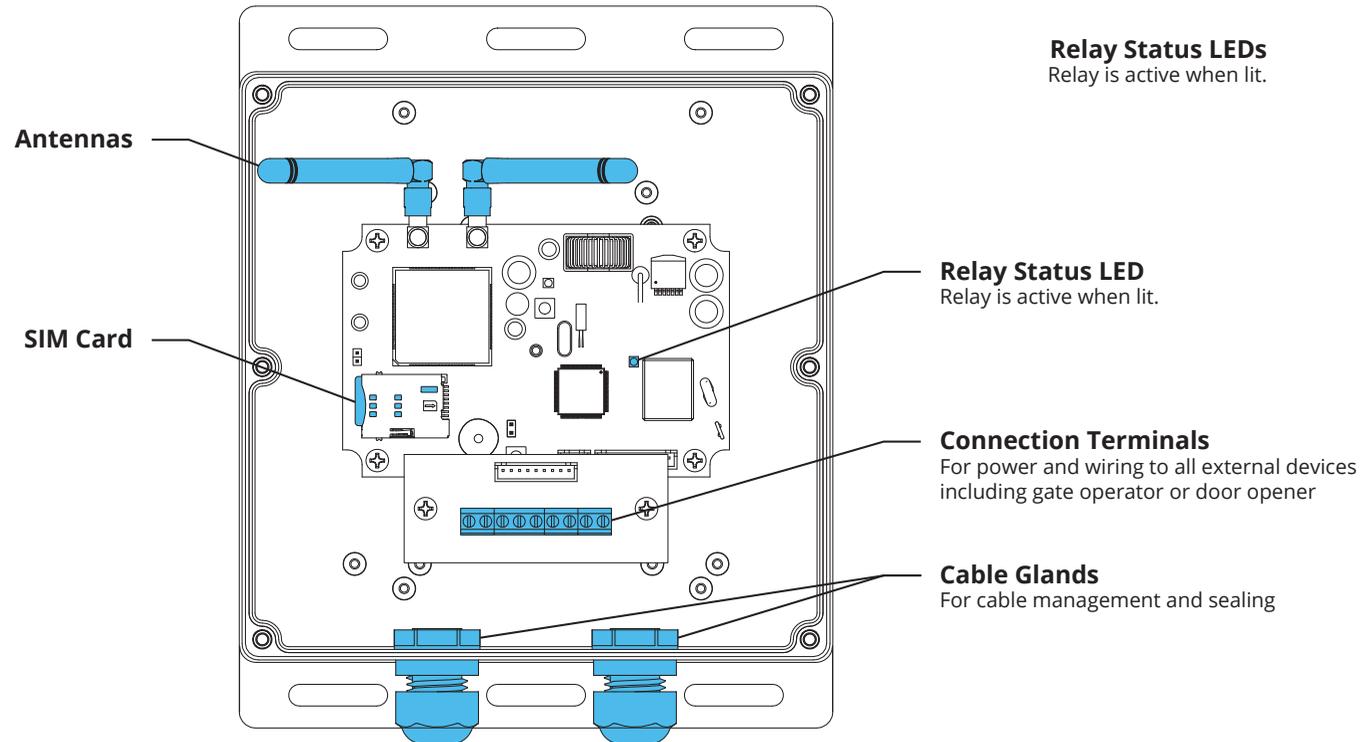
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2 **Remove screws and cover of unit for access to internal components.**

Continued on next page...

What's what?

Important components labeled

Unit shown with cover removed.
Internal wiring not shown for clarity.

Relay Status LEDs
Relay is active when lit.

Antennas

Relay Status LED
Relay is active when lit.

SIM Card

Connection Terminals
For power and wiring to all external devices including gate operator or door opener

Cable Glands
For cable management and sealing

⊙ IMPORTANT!

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

Follow the **Activation Guide** or call **Summit Control** at **(972) 474-6422** to activate your unit.

⊘ WARNING!

AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!

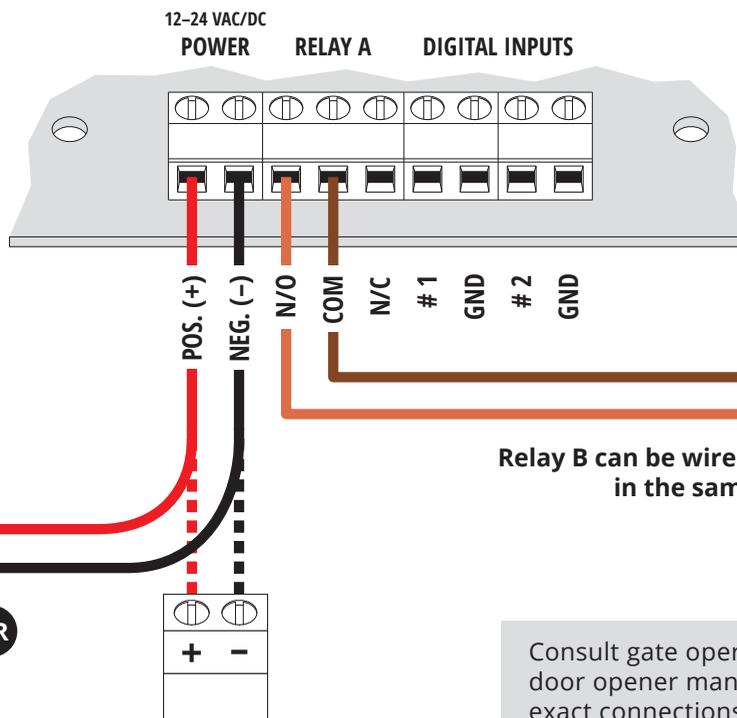**ALWAYS CHECK** that the **GATE PATH IS CLEAR BEFORE OPERATING!**

REVERSING or other **SAFETY DEVICES SHOULD ALWAYS BE USED**!
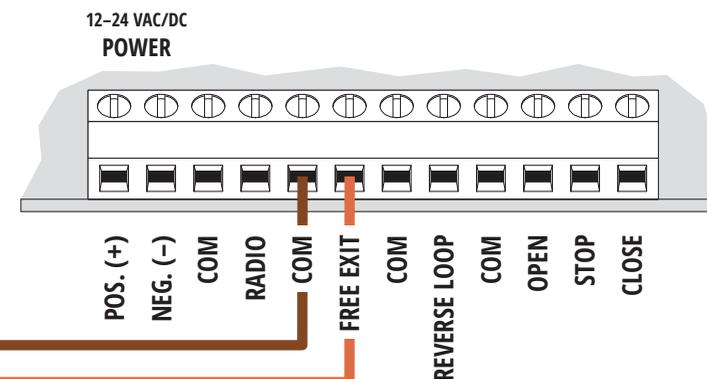
SECURITY BRANDS

③ Connect wires

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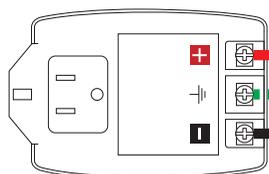
Excessive force can damage unit.

Ascent Connection Terminals

12–24 VAC/DC
POWER   **RELAY A**   **DIGITAL INPUTS**

POS. (+)   NEG. (–)   N/O   COM   N/C   # 1   GND   # 2   GND

Gate Operator / Door Opener

12–24 VAC/DC
POWER

POS. (+)   NEG. (–)   COM   RADIO   COM   FREE EXIT   COM   REVERSE LOOP   COM   OPEN   STOP   CLOSE

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

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

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

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

Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

⚠ **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 Replace and secure front cover with included screws.

✓

INSTALLATION COMPLETE!

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

A Digital Input
Wiring for accessories such as a request-to-exit device

Ascent Connection Terminals

12–24 VAC/DC
POWER   **RELAY A**   **DIGITAL INPUTS**

POS. (+)   NEG. (−)   N/O   COM   N/C   # 1   GND   # 2   GND

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

Notes

QUICK START GUIDE | ASCENT LT

Model 25-LT

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!

⚠ IMPORTANT!

We recommend mounting Ascent inside the gate operator or other weatherproof enclosure when possible.

If mounting 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!

❓ NEED HELP

Call **(972) 474-6422**

Email **support@summitcontrol.com**

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

SECURITY BRANDS INC™
your partner in access control