INSTALL GUIDE | ASCENT R¹

Model **16-R1**

START HERE →

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

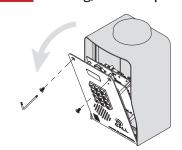| Ascent Unit | 12-V AC/DC Adapter | Carriage Bolt (4x) | Hex Nut (4x) | L Key | Screwdriver |

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2 Remove security screws with L Key, and open unit faceplate for mounting, wiring, and setup.

If you have trouble opening faceplate, insert L Key (short end) in screw hole and pull gently.

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**.
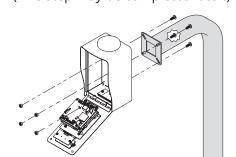
WARNING

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!

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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.

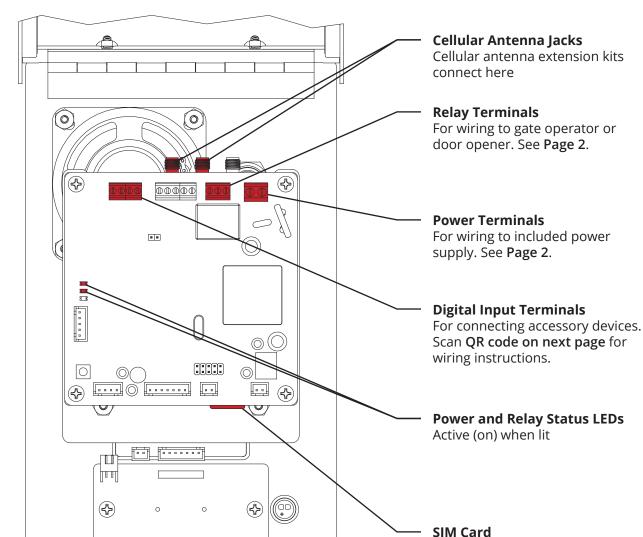**Failure to follow these instructions can damage the unit!**

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.

What's what?
All important components labeled

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

Cellular Antenna Jacks
Cellular antenna extension kits connect here

Relay Terminals
For wiring to gate operator or door opener. See **Page 2**.

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

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

Power and Relay Status LEDs
Active (on) when lit

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**

4 Connect wires

Feed wires through back of unit, 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 online.

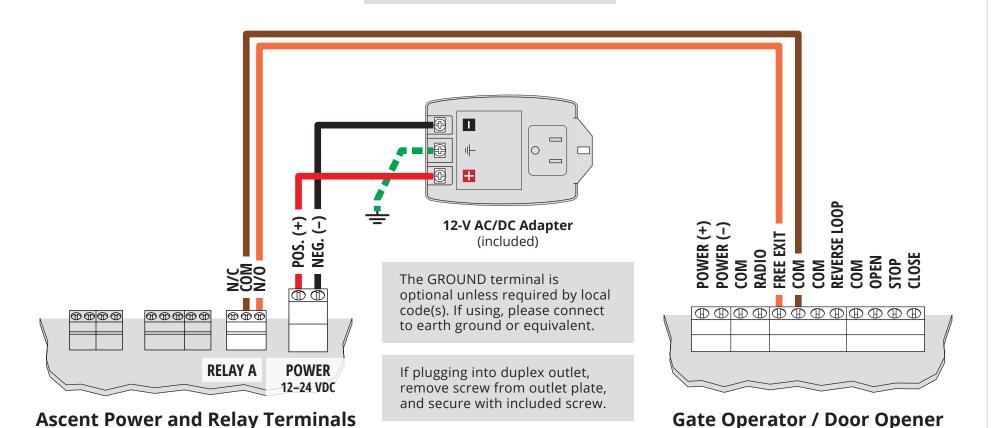We recommend using 18-gauge stranded wire for all connections.

⚠ 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!

12-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.

N/C · COM · N/O

POS. (+) · NEG. (–)

RELAY A · **POWER** 12–24 VDC

Ascent Power and Relay Terminals
(shown with components removed for clarity)

POWER (+) · POWER (–) · COM · RADIO · FREE EXIT · COM · COM · REVERSE LOOP · COM · OPEN · STOP · CLOSE

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.

Make sure the gate path is clear before completing Step 5!

5

Key in temporary code 2012 on keypad and confirm gate opens. If it does, close and secure unit faceplate.

2 0 1 2

Adding and deleting codes is done through Summit Control and **NOT** from keypad on unit!

✓ INSTALLATION COMPLETE!

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

Notes

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.