Carefully unpack box and make sure you have all items shown below.

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

What’s what?
Important components labeled

Unit shown with front panel fully open. Internal wiring not shown for clarity.

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!

CAUTION!
Please use all four screws when mounting unit to pedestal. Leave “hockey puck” antenna in place, even if using extension. Seal any holes or gaps created in unit enclosure.

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.

IMPORTANT:
We recommend mounting Ascent on a gooseneck pedestal using included hardware.
If using alternate mounting, two (2) Ascent 10’ Cable Extension (p/n 16-X-EXT) products should be purchased and installed.
Failure to do so may result in NO SIGNAL!

IMPORTANT!
Ascent K² Quick Start Guide
Model 25-K2

1 Carefully unpack box and make sure you have all items shown below.

2 Unlock and open front panel of unit for wiring and setup.

Continued on next page...

START HERE

Ascent Unit 12-V AC/DC Adapter (PS-12DC1) Key Carriage Bolt (x4) Hex Nut (x4)

Antenna Cables
Wiegand Device Terminals
For wiring to Wiegand-compatible devices such as a proximity card reader. See summitcontrol.com/resources.

Status and Event Terminals
For wiring to check gate status and for request-to-exit devices. See Page 3.

Power and Relay Terminals
For wiring to power and gate operator and/or door opener. See Page 2.

Relay Status LEDs
Relay is active when lit

Ascent Camera
For automatic and on-demand photo capture

SIM Card
If you have your own SIM card, see Page 4 and follow the instructions entitled, Installing a Third-Party SIM Card.

IMPORTANT!
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3 Connect wires
Feed wires through back of unit and connect as shown.

Additional wiring diagrams can be found on Page 3.

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.

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!

4 Close and lock front panel.

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

<table>
<thead>
<tr>
<th>Gate 1</th>
<th>Gate 2</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>GND</td>
<td>Close</td>
</tr>
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<td>Open</td>
<td>GND</td>
<td>Close</td>
</tr>
<tr>
<td>Open</td>
<td>GND</td>
<td>N/O</td>
</tr>
</tbody>
</table>

Optional wire splices

Close Limit Switch
Open Limit Switch

GATE 1
J7
J13
J6

Optional wire splices

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

Ascent Status and Event Terminals

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<td>GND</td>
<td>N/O</td>
</tr>
</tbody>
</table>

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

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 Ascent!

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Exceeding 3 V can damage Ascent!
Using a Third-Party Power Source (Optional)

Installing a Third-Party SIM Card (Optional)

1. Push existing SIM card in until it unlocks with “click” sound.
2. Remove existing SIM card and locate new SIM card.
3. Insert new SIM card until it locks in place with “click” sound.

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 Ascent!

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 190 mA @ 12 VDC
  less than 160 mA @ 24 VDC

NEED HELP
Call (844) 259-8265
Email support@summitcontrol.com
We are available Mon–Fri / 8am–5pm Central