

DEALER SUPPORT GUIDE

4 G LTE CELLULAR ACCESS CONTROL

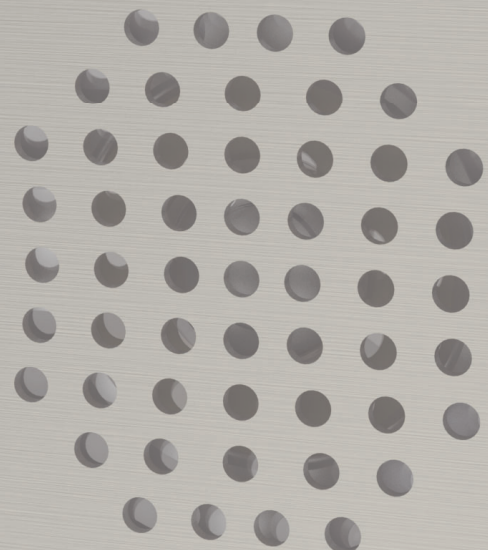


ASCENT

powered by  SUMMIT CONTROL



CALL



SECURITY BRANDS INC

SECTION A

SUMMIT CONTROL USER GUIDE

CONTENTS

BASIC SETUP	3
How Your Ascent Unit Works.....	3
Control Phone Number	3
Device Phone Number	4
Adding Users.....	5
Creating a New User	5
Adding Time Zone / Temporary Users	8
Creating a New Time Zone / Temporary User	8
Adding Keypad Codes	11
Creating a New Keypad Code (Serial Numbers starting with 501 or 511).....	11
Creating a New Keypad Code (Serial Numbers starting with 35).....	12
Setting up the Call Button	14
Configuring Rollover Call	14
Configuring Broadcast Call.....	15

BASIC SETUP

FIRST THINGS FIRST

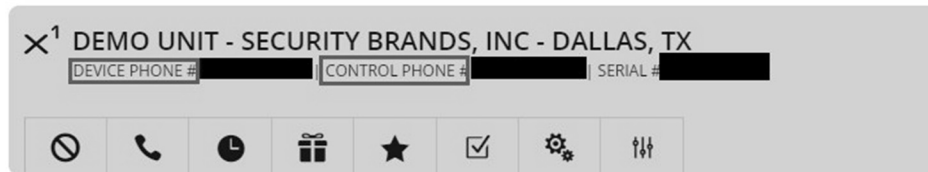
Open a web browser and log in to your Summit Control admin dashboard at **summitcontrol.com/admin**.

WHAT YOU WILL LEARN

- How your Ascent unit works
- How to add Users
- How to add Time Zone / Temporary Users
- How to add Keypad Codes (on models with keypad)
- How to set up the Call Button (on models with call button)

HOW YOUR ASCENT UNIT WORKS

Once activated, your Ascent unit will have two phone numbers assigned to it: a control phone number and a device phone number. The control phone number is for users to control your gate/door and get access to your property. The device phone number is used by your Ascent unit to call you when a guest requests access to your property.



Control Phone Number

The Control Phone Number is for users to access the gate/door directly. When they call the control phone number, our system will look at the phone number making the call and verify that it is an authorized user with access permissions calling. If the phone number is not found, the system will play an automated message prompting for an “access code” that does not exist.

If the system determines that it is an authorized user with access permissions calling, our system will ask the user to input a command via the keypad on their phone:

Pressing **1** will open your gate/door momentarily.

Pressing **2** will latch your gate/door open (active until released).

Pressing **3** will release an active latch and allow your gate/door to close.

Device Phone Number

The Device Phone Number is used by the Ascent unit to make outbound calls. Most often it is used when a guest pushes the call button. This phone number will appear as the caller ID.

When you answer a call coming from your Ascent unit, you are connected to the guest at your unit. Should you decide you want to grant the guest access to your property, press one of the following keys on your phone while still on the call:

- Press **1** to open your gate/door momentarily.

- Press **2** to latch your gate/door open (active until released).

- Press **3** to release an active latch and allow your gate/door to close.

ADDING USERS

Users have 24/7 control of your gate/door, meaning they can call, text, or use the app at any time of the day to get access to your property, depending on the permissions you give them. Because of this, we suggest that your list of users be confined only to members of your family, trusted employees, or other trusted acquaintances.

Creating a New User

First, click the **Users** button on the home page (shown below) to open the **Users** page. This page displays a list of your current users with the administrator listed at the top by default. You can edit a user simply by clicking on that user from the list.

 **USERS (12)**
CLICK TO VIEW, ADD, MODIFY OR DELETE USERS

Click the **Add User** button (indicated below) to open the **Create New User** page.

USERS

<

Registered Users

1 Registered User

+

Entries

All

▼

CSV

PDF

Print

Search

Image	Status	Username	First	Last	Phone #	Usage	
	Active					  	Admin

Showing 1 to 1 of 1 entries

Previous

1

Next

Creating a new user is as simple as filling out a short form, detailed below.

App Login Credentials

This is the first section to complete. In this section, you will choose a username and password for the new user, which he or she will use to log in to the Summit Control app, and set the session time.

Username

This serves as both identification of the user within your admin dashboard and will be used by the user to log in to the Summit Control app.

Password

We automatically generate a password for quick user addition, but you can change the given password to anything you prefer. The longer the password, the more secure that password is.

Session Time

Determines how long before the user is logged out due to inactivity within the app.

Name

This section is where you provide the user's first and last name. Initials are fine as well. Our system will use the name given in the **First Name** field when notifying the user that access has been given.

User Information

In this section, you provide the user's unique cell phone number so that our system knows to give the user access permissions on your Ascent unit(s). It also gives you the option to fill in an email address for your own needs, but it is not required.

CREATE NEW USER

App Login Credentials

Username

kfe392nj

Password

60 Mins

Session Time

Name

First Name

Last Name

User Information

2145555555

Phone Number
(10 digits, no spaces)

Email Address (not required)

Control Methods

In this section, you set the control methods the user will be allowed to use: app, text, and voice. Some administrators might want some users to use only their Summit Control app to get access to their properties, and we give you that freedom.

The **Auto Open** switch applies to the voice (phone call) control method only and disables the automated prompt that would typically be heard when a user uses his or her phone to control the gate/door. With this feature on, the gate/door is triggered to open as soon as the call connects.

i NOTE: If Auto Open is on, the user cannot latch or release latch from a phone call.

Control Permissions

In this section, you set the control permissions the user will have: open, latch, and release latch.

Open: this command will open your gate/door momentarily.

Latch: this command will latch your gate/door open (active until released).

Release Latch: this command will release an active latch and allow your gate/door to close.

Add User to Which Device(s)?

This section only applies if you have multiple Ascent units on your account. If you do, leave checked the units that you want this user to be able to access.

When you are done, click the **Create New User** button, and the system will create the user for you.

Control Methods


☒ App


☒ Text


☒ Voice


Auto Open

Control Permissions

☒ Open
☒ Latch Open
☒ Release Latch

Add User to which Device(s)?


☒ Front Gate | Serial: XXXXXXXXXX


☒ Demo Unit | Serial: XXXXXXXXXX


☒ Front Gate | Serial: XXXXXXXXXX


☒ Front Gate | Serial: XXXXXXXXXX

CREATE NEW USER

ADDING TIME ZONE / TEMPORARY USERS

Time Zone / Temporary Users can be given restricted access through your gate/door with a text or phone call. Access restrictions can be combined to create the exact restriction scenario(s) you need. They include setting a total number of uses of the gate/door, setting a start-and-end date range, setting specific days of the week, and setting a specific time window for access.

Creating a New Time Zone / Temporary User

First, click the **Time Zone / Temporary Users** button (shown below) on the home page to open the **Time Zone / Temporary Users** page. This page displays a list of your current time zone / temporary users. You can edit a user simply by clicking on that user from the list.

 **TIME ZONE / TEMPORARY USERS (331)**
CLICK TO VIEW, ADD, MODIFY OR DELETE TIME ZONE / TEMPORARY USERS

Click the **Add Time Zone / Temporary User** button (indicated below) to open the **Create New Time Zone / Temporary User** page.

TIME ZONE / TEMPORARY USERS

<

Time Zone / Temporary Users

639 Time Zone / Temporary Users

+ 

Entries

All 

CSV

PDF

Print

Search

Status	Display ▲	First	Last	Phone #	
Active					Delete

Creating a new user is as simple as filling out a short form, detailed below.

User Information

In this section, you provide a display name (e.g., Gardener, Pool Guy, Housekeeping, etc.), the user's unique cell phone number so that our system knows to give the user access permissions on your Ascent unit(s), and you also have fields for a first and last name, if available.

CREATE NEW TIME ZONE / TEMPORARY USER

<

User Information

SummitControlTestUser	2145555555
Display Name (no spaces)	Phone Number (10 digits, no spaces)
Summit	Control
First Name	Last Name

Device Permissions

In this section, you set the access restrictions for the user for each Ascent unit, if you have more than one. Each unit will appear in this section with its own customizable restrictions.

Device Permissions:

☒


Front Gate | Serial: 11X1130001

☐ Number of Uses
 ☒ Never Expires
 ☐ Custom Date Range

☒ 7 Days
 ☐ Custom Days of Week

☒ No Time Restraints
 ☐ Custom Time Zone Range

The first group of access restrictions has the options: **Number of Uses**, **Never Expires**, and **Custom Date Range**. By default, **Never Expires** is selected. Selecting **Number of Uses** allows you to set the total number of times this user can open your gate/door. Selecting **Custom Date Range** allows you to set a start date and an end date for which access is allowed.

2018-01-01

2018-01-31

Start Date

End Date

The second group of access restrictions has the options: **7 Days** and **Custom Days of Week**. By default, **7 Days** is selected, meaning the user will have access every day of the week. If you would like to set particular days of the week for access, select **Custom Days of Week** and select them (shown below). Outside of the days selected, the user will have no access.

SUN

MON

TUE

WED

THU

FRI

SAT

Select Active Days

The third group of access restrictions has the options: **No Time Restraints** and **Custom Time Zone Range**. By default, **No Time Restraints** is selected, meaning the user has 24-hour access. If you would like to set time restraints, select **Custom Time Zone Range** and set the start and end times (shown below). Outside of this time range, the user will have no access.

01

00

AM

Start Time

01

00

AM

End Time

ADDING KEYPAD CODES

i NOTE: This section applies to Ascent K1, X1, X2, and M2 models only.

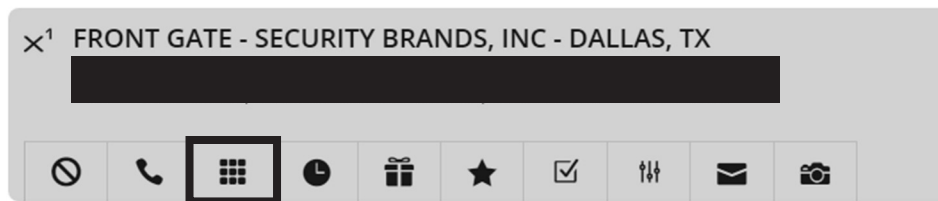
Two types of keypad codes are available: Access Codes and Latch Codes.

Access Codes are used to open your gate/door momentarily for quick access.

Latch Codes are used to latch your gate/door open or release an active latch and allow your gate/door to close.

Creating a New Keypad Code (Serial Numbers Starting with 501 or 511)

First, go to your home page, and click the **Keypad Codes** button on the Ascent panel of the Ascent unit to which you would like to add the code. This will open the **Keypad Codes** page.



This page displays a list of your current access codes and latch codes and allows you to edit them.

To add a keypad code, fill out the fields in the row containing **Code 1**. First, type in the 4-digit code you would like to use. Next, give the code a display name; this is helpful for organization and tracking purposes. Then, choose whether the code is an open (access) code or a latch code. Last, choose which relay the code will trigger.

A screenshot of the 'KEYPAD CODES' page. At the top is the title 'KEYPAD CODES' and a back arrow button. Below the title is the location 'Front Gate - Security Brands, Inc - Dallas, TX' and a dark rectangular area. To the right of this is an icon of a keypad. Below these are two input fields: 'Code 1' containing '1234' and 'Display Name' containing 'Summit Control'. To the right of these fields are four radio button options: 'Open' (selected), 'Latch', 'Relay A' (selected), and 'Relay B'.

i NOTE: Access codes and latch codes must be exactly 4 digits unless otherwise specified.

Once you have filled in the entire row (and rows for additional codes if desired), click the **Update Keypad Codes** button at the bottom of the page to add the keypad codes to your Ascent unit.

Creating a New Keypad Code (Serial Numbers Starting with 35)

First, click the **Keypad Codes** button on the home page (shown below) to open the **Keypad Codes** page. This page displays a list of your current access codes and latch codes.

 **KEYPAD CODES (1)**
CLICK TO VIEW, ADD, MODIFY OR DELETE KEYPAD CODES

To add a keypad code, click the **Add** button next to the type of keypad code you would like to add (shown below), and the **Create New Access/Latch Code** page will open.

Access Codes

3 Access Codes 

 **1234 - Access**
DEVICE(S): ,



 **2993 - Access**
DEVICE(S): ,



 **6587 - test**
DEVICE(S): ,



Latch Codes

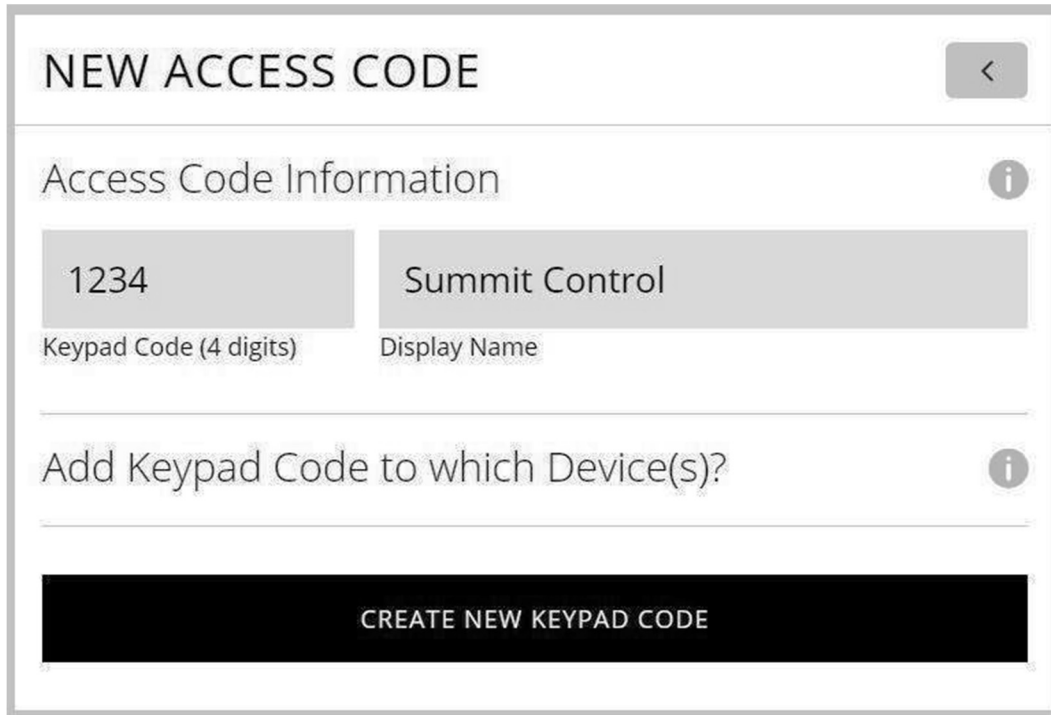
2 Latch Codes 

 **5678 - Latch**
DEVICE(S): ,



Creating a New Access Code

When you create an access code, only two pieces of information are required: the code itself and a label or display name. The display name is used as an aid in managing your codes and for tracking and reporting purposes.



The screenshot shows a mobile application interface for creating a new access code. At the top, the title 'NEW ACCESS CODE' is displayed in a light gray box with a back arrow icon on the right. Below the title is a section titled 'Access Code Information' with an information icon. This section contains two input fields: 'Keypad Code (4 digits)' with the value '1234' and 'Display Name' with the value 'Summit Control'. Below these fields is a section titled 'Add Keypad Code to which Device(s)?' with an information icon. At the bottom of the form is a large black button with the text 'CREATE NEW KEYPAD CODE' in white capital letters.

Creating a New Latch Code

When you create an access code, only two pieces of information are required: the code itself and a label or display name. The display name is used as an aid in managing your codes and for tracking and reporting purposes.

i NOTE: Access codes and latch codes must be exactly 4 digits.

Assigning Keypad Codes to Multiple Ascent Units

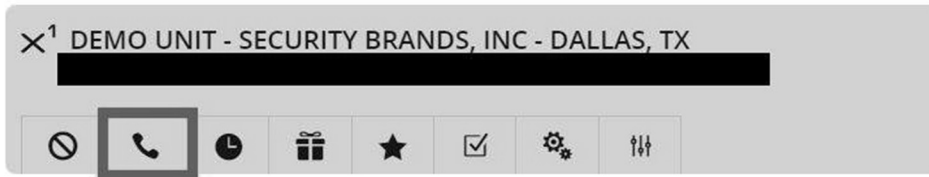
If you have multiple Ascent units on your account, when you create a keypad code there will be another section entitled **Add Keypad Code to which Device(s)**. In this section, you will see a list of all the Ascent units you have on your account. Because all units are checked by default, you simply need to uncheck the boxes of the units to which you do not want the keypad code added.

SETTING UP THE CALL BUTTON

i NOTE: This section applies to Ascent X1 and T1 models only.

This section explains how to set the phone numbers that your unit will call when a guest presses the call button on your Ascent unit.

Locate the Ascent panel on your admin dashboard shown below. Click on the **Call Button Numbers** button pictured below to open the **Call Button Numbers** page.



To start, select from the two available call types: **Rollover Call** and **Broadcast Call**.

i NOTE: Broadcast Call is available with the Residential Plus plan and up only.

Call Type



- ☒ Rollover Call
- ☐ Broadcast Call

Rollover Phone Numbers

Phone #1 (required)
(10 digits, no spaces)

Phone #2
(10 digits, no spaces)

Phone #3
(10 digits, no spaces)

Configuring Rollover Call

You can assign up to three phone numbers for Rollover Call. When this option is selected, you will see three fields labeled Phone #1, #2, and #3. The Ascent unit will always call Phone #1 first. If the call is not answered, the unit will start calling the next phone number provided, in order, until the call is answered or ends.

i NOTE: Please be aware that should an answering machine or voicemail system answer when your Ascent unit calls one of the assigned phone numbers, the system will consider the call answered and will not move on to the next phone number. We recommend that, unless you plan on using only one phone number, to set the phone number with answering machine or voicemail system as Phone #3.

Configuring Broadcast Call

Broadcast Call gives you the ability to set up to 10 different phone numbers to be called at the same time when a guest pushes the call button on your Ascent unit. When you select Broadcast Call, you will see the sections detailed below.

Call Button Greeting

This section allows you to type in a custom greeting that will be played for your guests. We offer a number of languages and accents, but the message must be typed in the language chosen; the system will not do any translation. If you do not wish to use this feature, simply leave the field blank.

Call Button Greeting

Hello. Welcome to Summit Control. Please wait while we connect your call.

Greeting Language

In this section you choose the language/dialect for the greeting voice.

Greeting Language

English, United States

i NOTE: Your greeting message must be typed in the call button greeting language chosen; the system will not do any translation.

Screen for Machine

The Screen for Machine option is used to accommodate an answering machine or voicemail system on one of your phones, without negatively affecting the functionality of the broadcast call. With Screen for Machine turned on, our system will ensure that your Ascent unit does not connect to the phone number with the answering machine or voicemail system. This will allow the other phone numbers the ability to answer.

Broadcast Call Numbers

This last section is where you provide the phone numbers for the broadcast call.

- i** NOTE: For businesses that have a phone number with an automated menu, you will need turn Screen for Machine off and enter only that phone number and the extension you would like the system to call.

Broadcast Call Numbers

(10 digits, no spaces)

Phone #1	Ext	Phone #6
Phone #2		Phone #7
Phone #3		Phone #8
Phone #4		Phone #9
Phone #5		Phone #10

ASCENT IS READY TO WORK FOR YOU.

YOU ARE SET UP FOR BASIC OPERATION.

If you would like more information or need help setting up other features on your Ascent unit(s):

Please call **(844) 259-8265**

Or email **support@summitcontrol.com**

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

SECTION B

QUICK START GUIDES 4G LTE UNITS

Ascent X1

Ascent T1

Ascent X2

Ascent M2

Ascent LT

Ascent C1

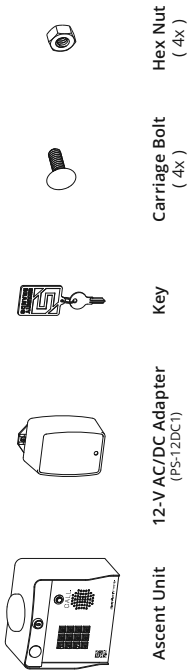
Ascent C2

Ascent K1

Ascent K2



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



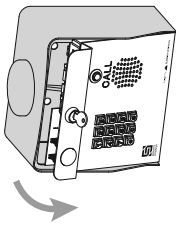
! IMPORTANT!

We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

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



Continued on next page...

! 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.

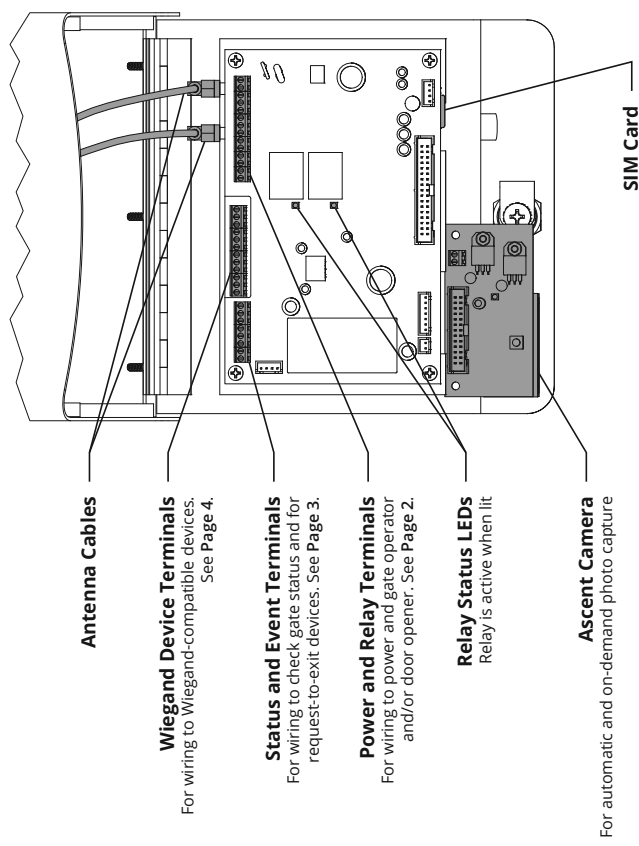
! WARNING!

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!**

What's what? Important components labeled



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

CAUTION!

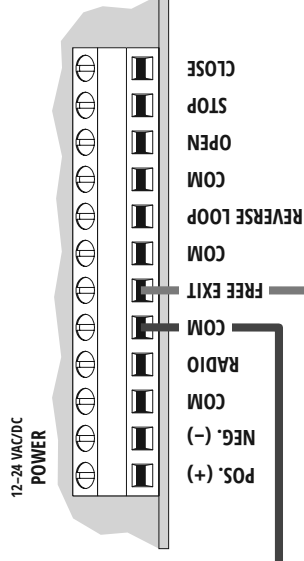
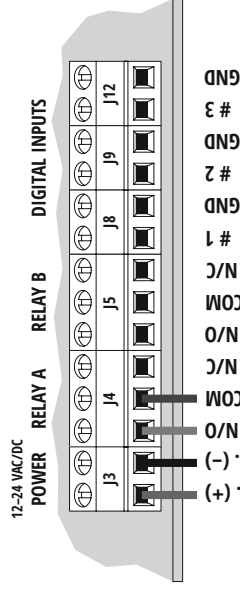
Please use **all four screws** when mounting unit to pedestal. Leave "hockey puck" antenna in place, even if using extension. Seal any holes or gaps created in unit enclosure.

Failure to follow instructions can damage unit!

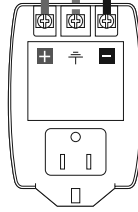
3 Connect wires

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

Excessive force can damage unit.



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



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.



Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

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**.

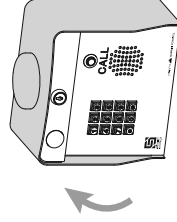
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

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

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

Close and lock front panel.



5 Make sure gate path is clear, then key in temporary code 2012 on keypad and confirm gate opens.

2102

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

INSTALLATION COMPLETE!

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

ASCENT^{X1} QUICK START GUIDE

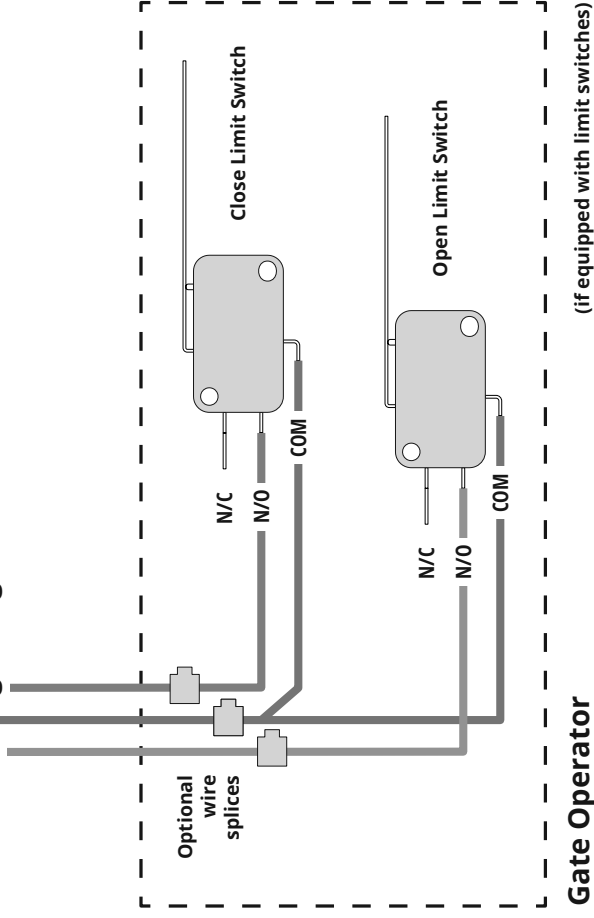
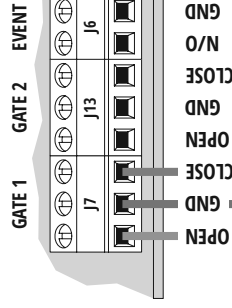
3 of 4

Model 16-X1

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**.

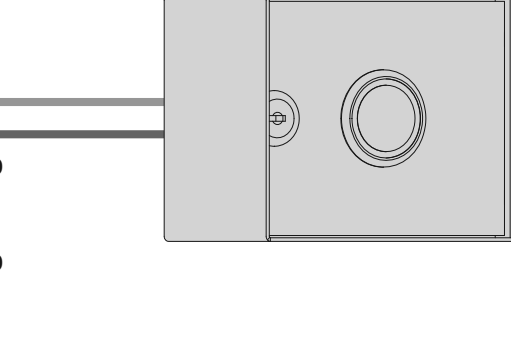
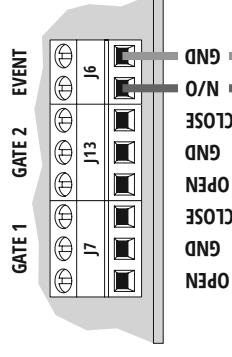
Exceeding 3 V can damage unit!

**DOES NOT WORK WITH A DECODER!
MUST BE 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)

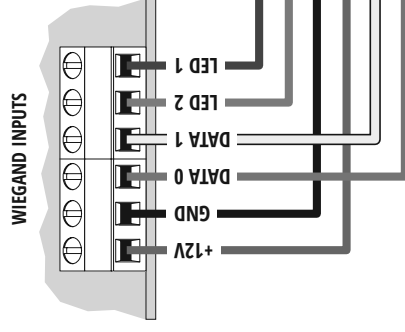
ASCENT^X¹ QUICK START GUIDE

4 of 4

Model 16-X1

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 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
Current Draw	no more than 10% beyond this range less than 260 mA @ 12 VDC less than 160 mA @ 24 VDC

Using a Third-Party Power Source (Optional)

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

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



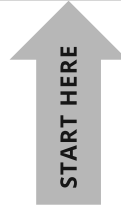
SECURITY BRANDS INC[™]
your *partner* in access control



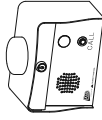
Ascent T¹ QUICK START GUIDE

1 of 4

Model 16-T1



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)



Key



Carriage Bolt
(4x)



Hex Nut
(4x)



IMPORTANT!

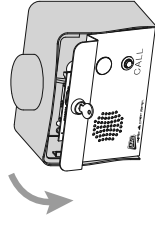
We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

2

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



Continued on next page...



IMPORTANT!

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WARNING!

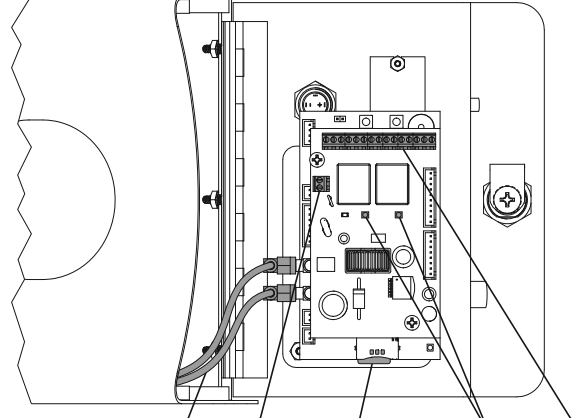
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ALWAYS CHECK that the **GATE PATH IS CLEAR BEFORE OPERATING!**

Reversing or other safety devices should **ALWAYS BE USED!**

What's what? Important components labeled

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



Antenna Cables

Power Terminals

For wiring to compatible AC/DC power source

SIM Card

Relay Status LEDs

Relay is active when lit

Connection Terminals

For wiring to all external devices including gate operator or door opener



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.

Failure to follow instructions can damage unit!

ASCENT T¹ QUICK START GUIDE

2 of 4

Model 16-T1

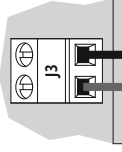
3 Connect wires

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

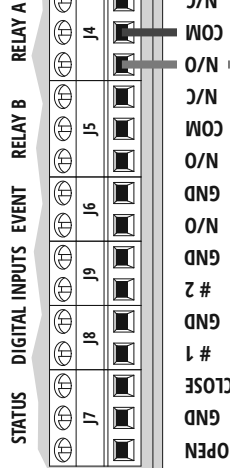
Excessive force can damage unit.

Ascent Power Terminals

12-24 VAC/DC POWER

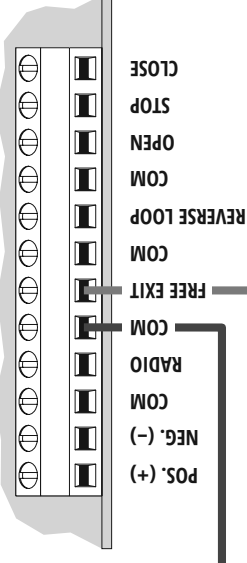


Ascent Connection Terminals



Gate Operator / Door Opener

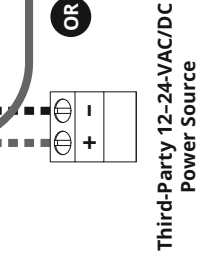
12-24 VAC/DC POWER



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.

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**.

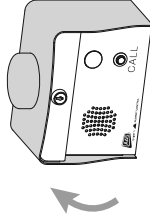
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

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

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

4 Close and lock front panel.



INSTALLATION COMPLETE!

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

ASCENT T¹ QUICK START GUIDE

3 of 4

Model 16-T1

A

Status Check

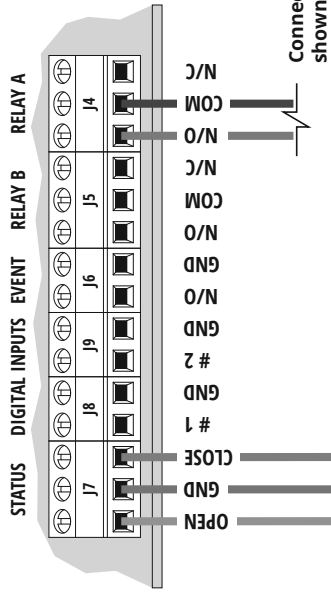
Wiring to enable Gate Status Check

CAUTION!

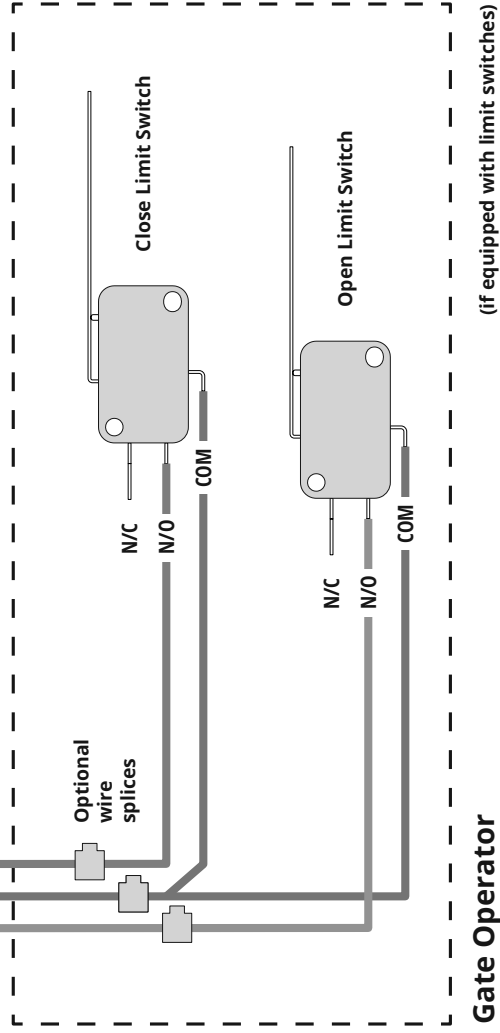
The Status Terminals are designed for low voltage (3 V or less). Check the voltage on your status wires before connecting. If it is above 3 V, you will need to contact **Technical Support**.

Exceeding 3 V can damage unit!

Ascent Connection Terminals



DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!



B

Event Input

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

Ascent Connection Terminals

STATUS DIGITAL INPUTS EVENT RELAY B RELAY A

J7 J8 J9 J4 J5 J6

OPEN GND CLOSE #1 #2 GND N/O N/C COM N/C

Connected as shown in Step 3

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

ASCENT T¹ QUICK START GUIDE

4 of 4

Model 16-T1

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

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Email support@summitcontrol.com

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QSG-16T1-EN

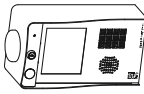
Rev. D (3/2019)



Ascent^{X2} QUICK START GUIDE

1 of 4

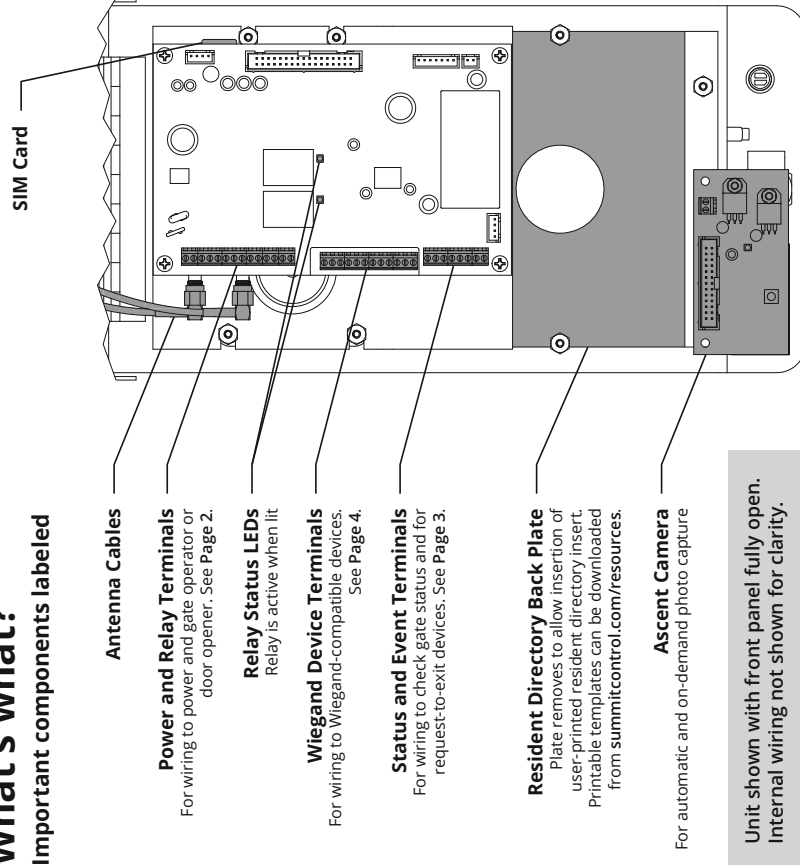
Model 16-X2



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

What's what?

Important components labeled



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.

Failure to follow instructions can damage unit!

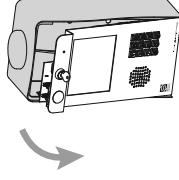
IMPORTANT!

We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

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



Continued on next page...

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.

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!**

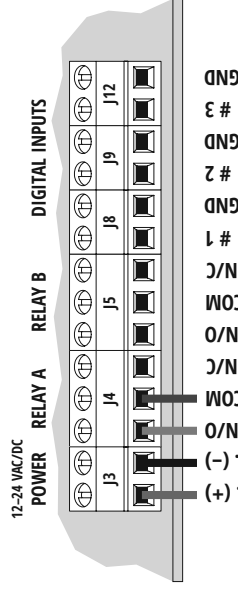
ASCENT^{X2} QUICK START GUIDE

2 of 4

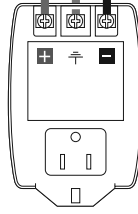
Model 16-X2

- 3 Connect wires**
Feed wires through back of unit and connect as shown using included screwdriver.
Excessive force can damage unit.

Ascent Power and Relay Terminals



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



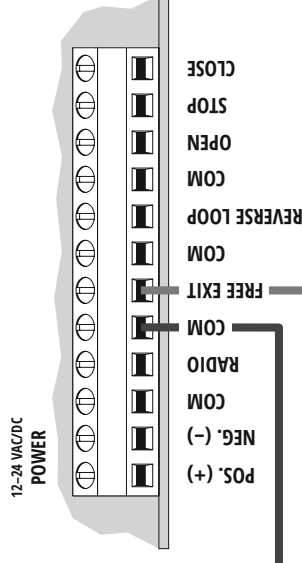
12-V AC/DC Adapter

(Model PS-12DC1 included)

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

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

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**.

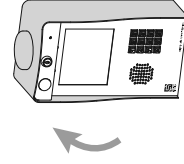
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

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

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

- 4** Close and lock front panel.



- 5** Make sure gate path is clear, then key in temporary code 2012 on keypad and confirm gate opens.

2 0 1 2

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

INSTALLATION COMPLETE!

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

ASCENT^{X2} QUICK START GUIDE

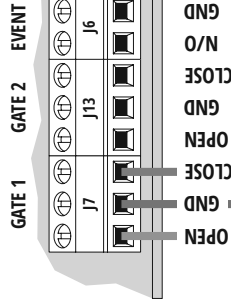
3 of 4

Model 16-X2

A Status Check

Wiring to enable Gate Status Check

Ascent Status and Event Terminals

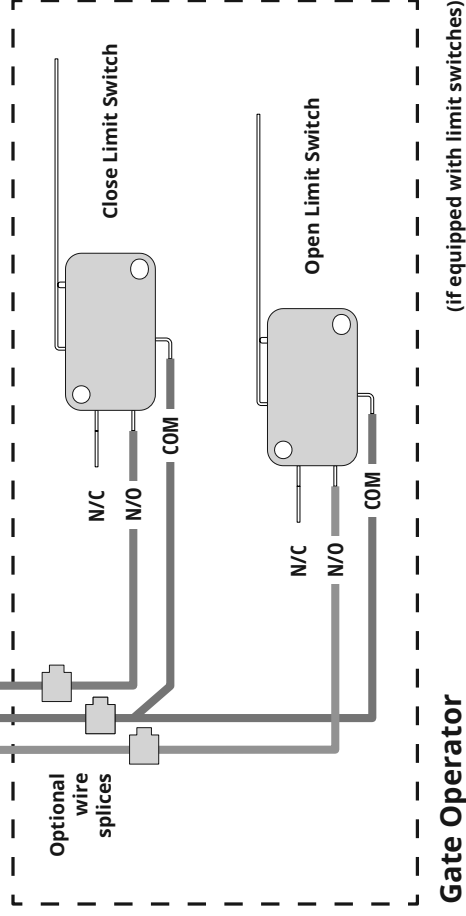


CAUTION!

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!

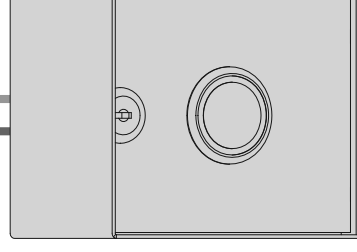
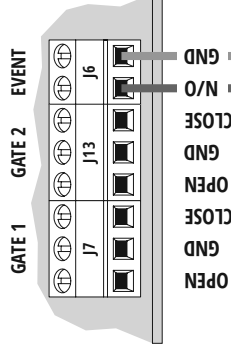
**DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!**



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)

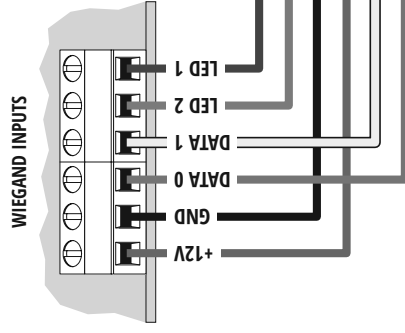
ASCENT^{X2} QUICK START GUIDE

4 of 4

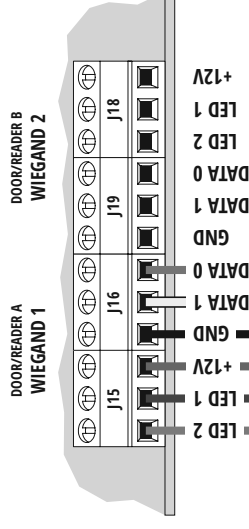
Model 16-X2

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 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
Current Draw	no more than 10% beyond this range less than 260 mA @ 12 VDC less than 160 mA @ 24 VDC

Using a Third-Party Power Source (Optional)

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

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Email support@summitcontrol.com

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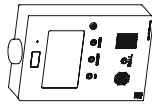
Ascent M² QUICK START GUIDE

1 of 4

Model 16-M2



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



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



Key



Carriage Bolt
(4x)



Hex Nut
(4x)

! IMPORTANT!

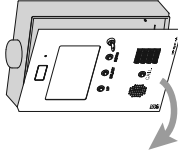
We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

2

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



Continued on next page...

! 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.

! 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!**

What's what? Important components labeled

Ascent Camera
For automatic and on-demand photo capture

SIM Card

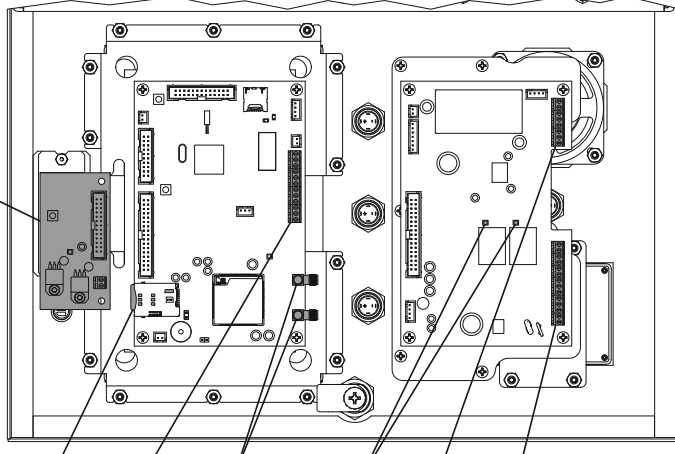
Wiegand Device Terminals
For wiring to Wiegand-compatible devices. See Page 4.

Antenna Jacks
Antenna extension kits connect here.

Relay Status LEDs
Relay is active when lit

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 or door opener. See Page 2.



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

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.

Failure to follow instructions can damage unit!

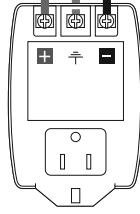
ASCENT M² QUICK START GUIDE

2 of 4

Model 16-M2

- 3 Connect wires**
Feed wires through back of unit and connect as shown using included screwdriver.
- Excessive force can damage unit.**
For postal lock installation instructions, go to securitybrandsinc.com/resources

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

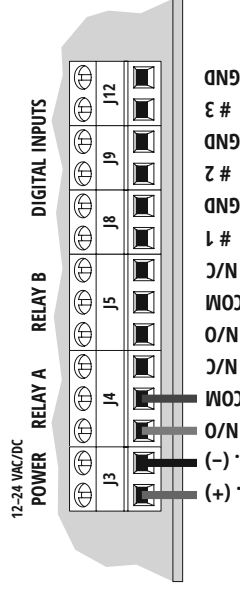


12-V AC/DC Adapter

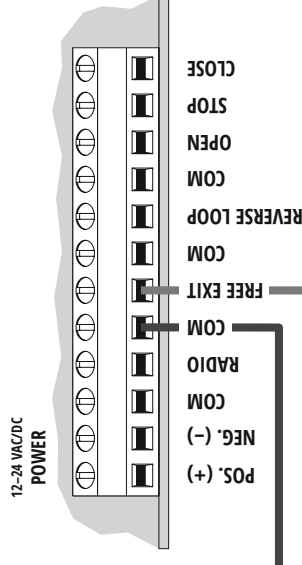
(Model PS-12DC2 included)

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

Ascent Power and Relay Terminals



Gate Operator / Door Opener



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

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

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**.

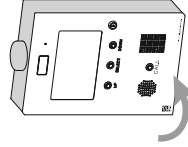
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

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

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

- 4** Close and lock front panel.



- 5** Make sure gate path is clear, then key in temporary code 2012 on keypad and confirm gate opens.

2 0 1 2

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

INSTALLATION COMPLETE!

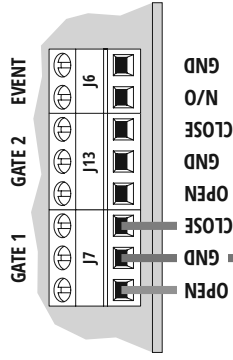
Now follow the **Activation Guide** to create an account and begin using Ascent.

ASCENT M² QUICK START GUIDE

3 of 4
Model 16-M2

A Status Check Wiring to enable Gate Status Check

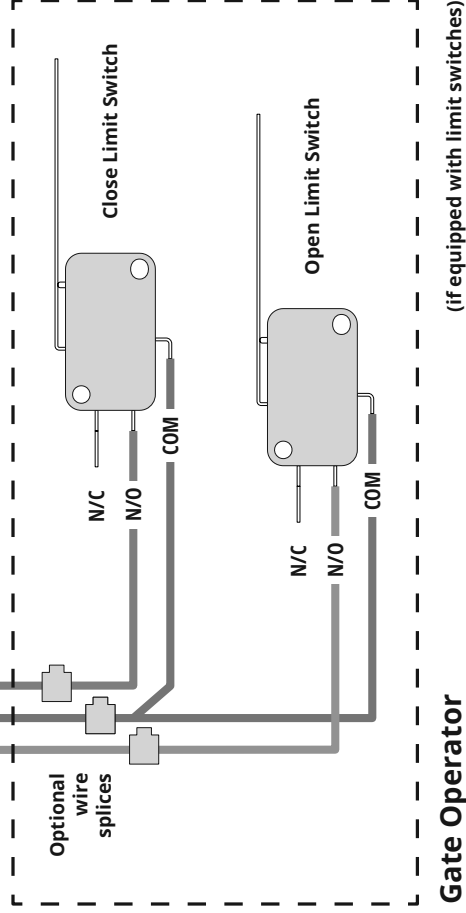
Ascent Status and Event Terminals



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!

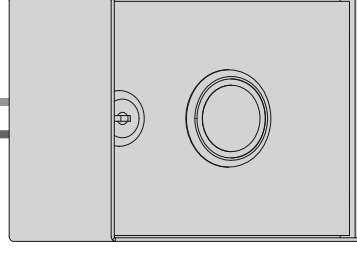
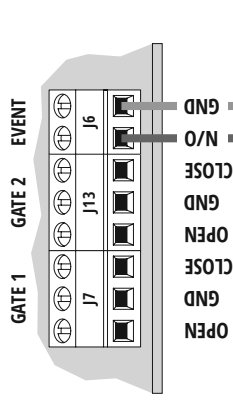
**DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!**



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)

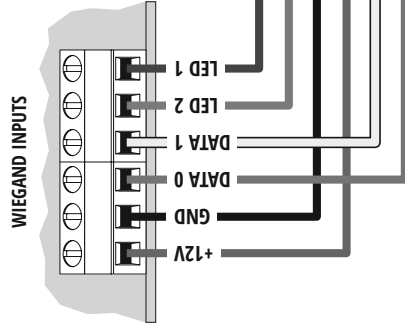
ASCENT M² QUICK START GUIDE

4 of 4

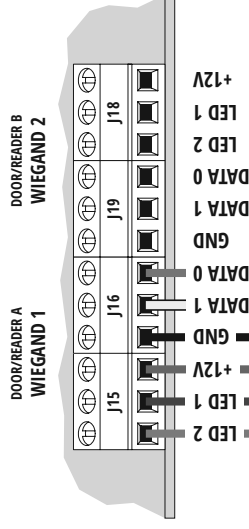
Model 16-M2

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 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
Current Draw	no more than 10% beyond this range less than 690 mA @ 12 VDC less than 420 mA @ 24 VDC

Using a Third-Party Power Source (Optional)



! 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!

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.



NEED HELP

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



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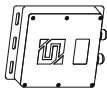


ASCENT^{LT} QUICK START GUIDE

START HERE

1

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



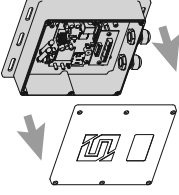
Ascent Unit



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

2

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



!

IMPORTANT!

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

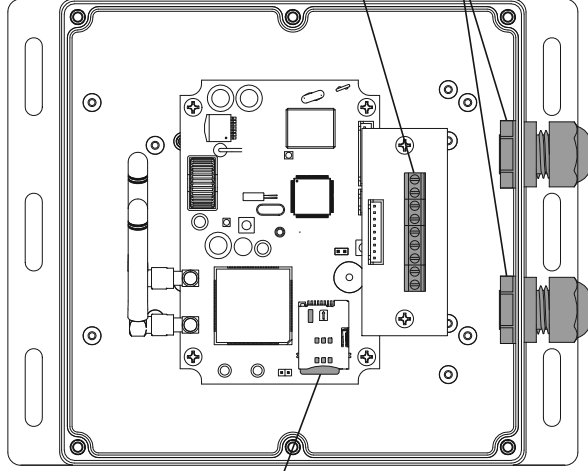
If mounting inside a metal enclosure, the **4G LTE Antenna Extension Kit (p/n 16-ANTX-1)** should be purchased and installed.

Failure to do so may result in no signal!

What's what?

Important components labeled

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



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

Continued on next page...

!

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.

!

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!

ASCENT LT QUICK START GUIDE

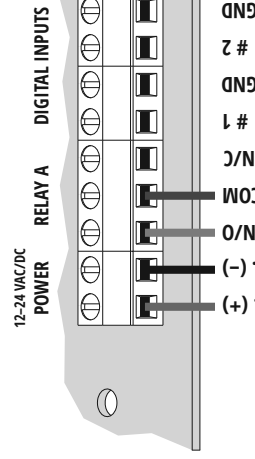
Model 25-LT

3 Connect wires

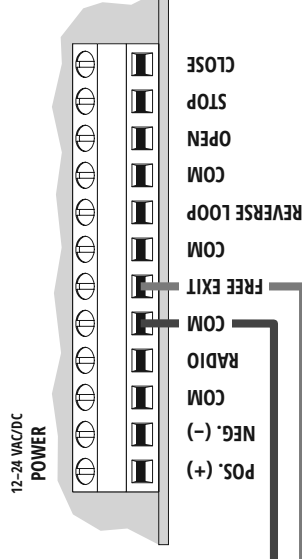
Feed wires through cable gland(s) on unit and connect as shown using included screwdriver.

Excessive force can damage unit.

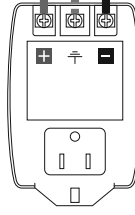
Ascent Connection Terminals



Gate Operator / Door Opener



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.

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**.

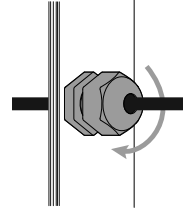
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

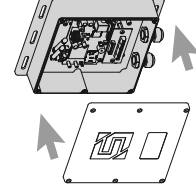
Before going forward, double check wiring and ensure unit has power!

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

4 Tighten cable-gland locknut(s).



5 Replace and secure front cover with included screws.



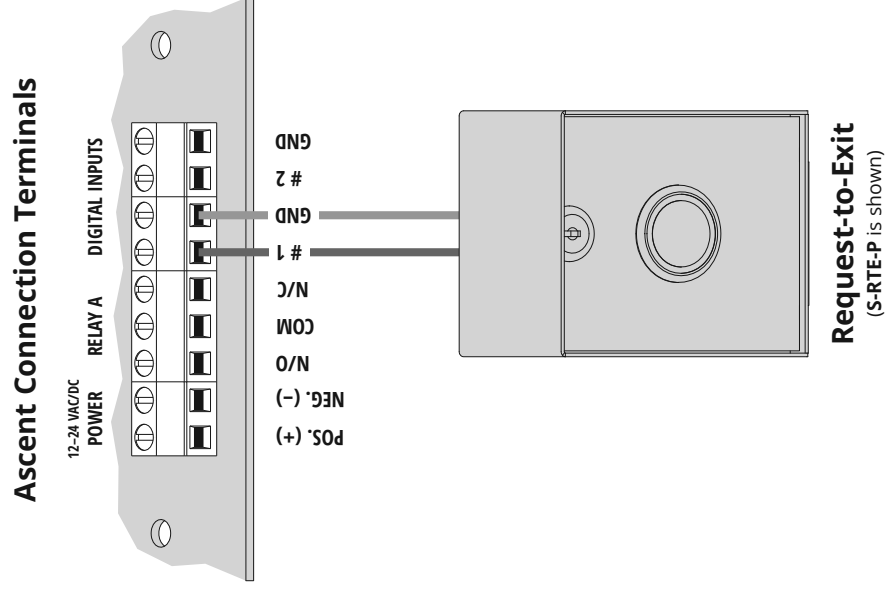
INSTALLATION COMPLETE!

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

ASCENT^{LT} QUICK START GUIDE

A Digital Input

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



Notes

[illegible]

ASCENT^{LT} QUICK START GUIDE

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!



NEED HELP

Call (844) 259-8265

Email support@summitcontrol.com

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



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your *partner* in access control



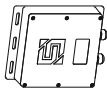
ASCENT C¹ QUICK START GUIDE

1 of 4

START HERE

1

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



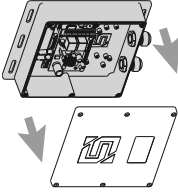
Ascent Unit



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

2

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



!

IMPORTANT!

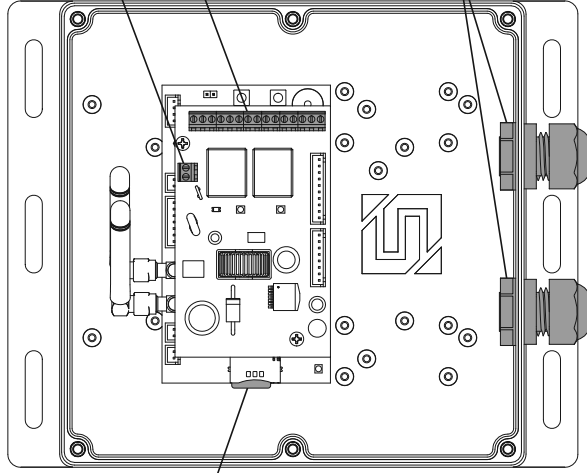
We recommend mounting Ascent inside the gate operator or other weatherproof enclosure when possible.

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!

What's what?

Important components labeled



SIM Card

Power Terminals

For wiring to compatible AC/DC power source

Connection Terminals

For wiring to all external devices including gate operator or door opener

Cable Glands

For cable management and sealing

Continued on next page...

!

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.

!

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!

Model 25-C1

ASCENT C¹ QUICK START GUIDE

2 of 4

Model 25-C1

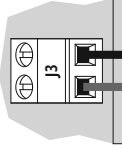
3 Connect wires

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

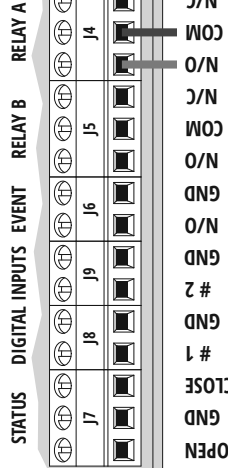
Excessive force can damage unit.

Ascent Power Terminals

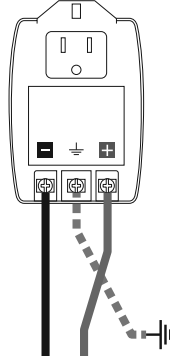
12-24 VAC/DC POWER



Ascent Connection Terminals



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.

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.

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

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

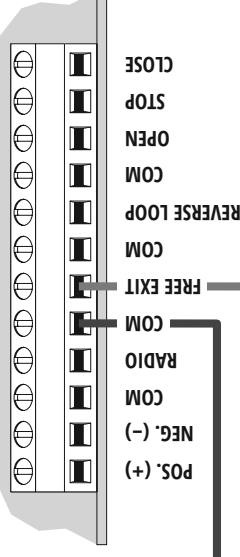
CAUTION!

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!

Gate Operator / Door Opener

12-24 VAC/DC POWER

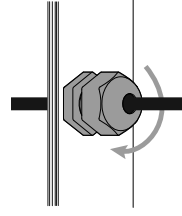


STOP!

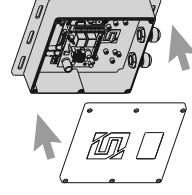
Before going forward, double check wiring and ensure unit has power!

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

Status Check

Wiring to enable Gate Status Check

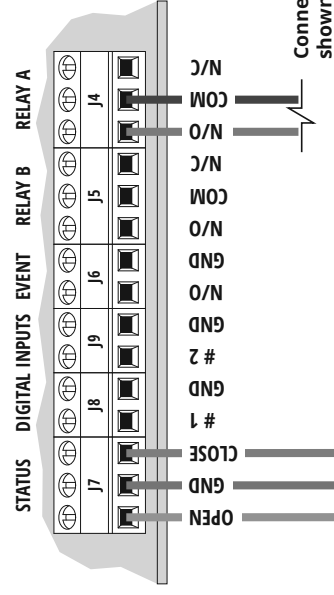
⚠ CAUTION!

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**.

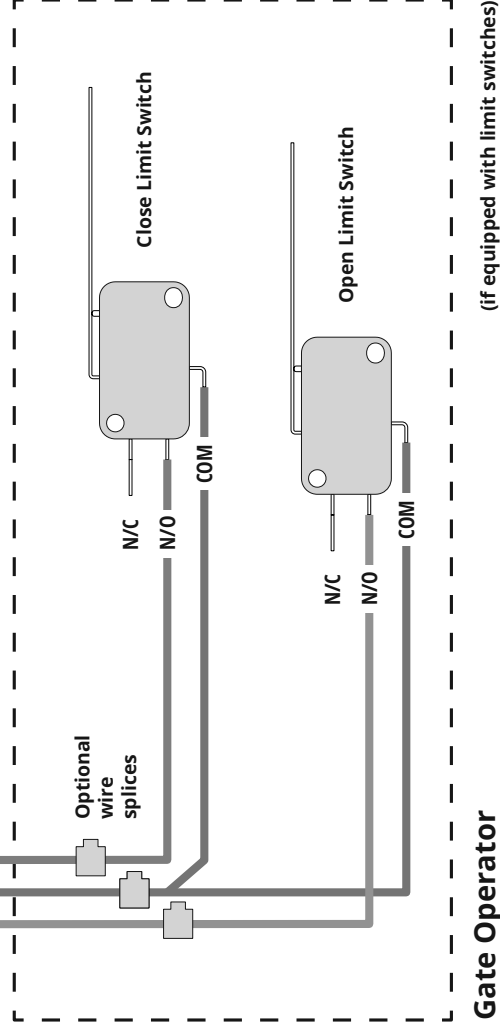
Exceeding 3 V can damage unit!

**DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!**

Ascent Connection Terminals



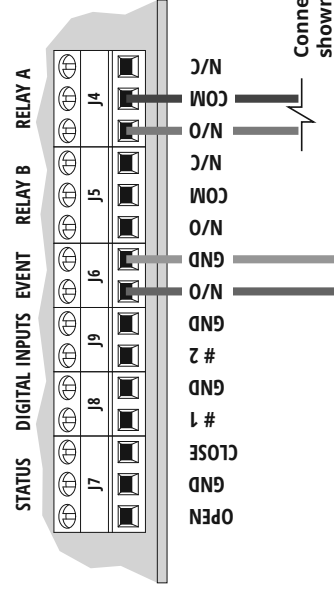
Optional wire splices



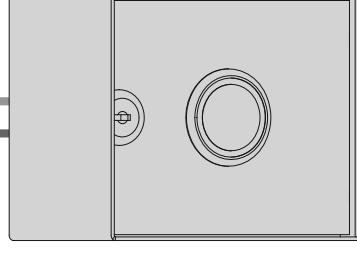
Event Input

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

Ascent Connection Terminals



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



ASCENT C¹ QUICK START GUIDE

4 of 4

Model 25-C1

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

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



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your *partner* in access control

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QSG-25C1-EN

Rev. H (1/2019)



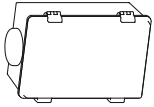
ASCENT C² QUICK START GUIDE

1 of 4

Model 25-C2



- 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!

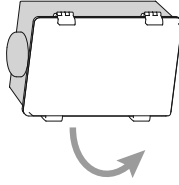
We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

2

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



Continued on next page...

! 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.



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!**

What's what?

Important components labeled

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

4G LTE Antenna

SIM Card

Wiegand Device Terminals

For wiring to Wiegand-compatible devices. See Page 4.

Relay Status LEDs

Relay is active when lit

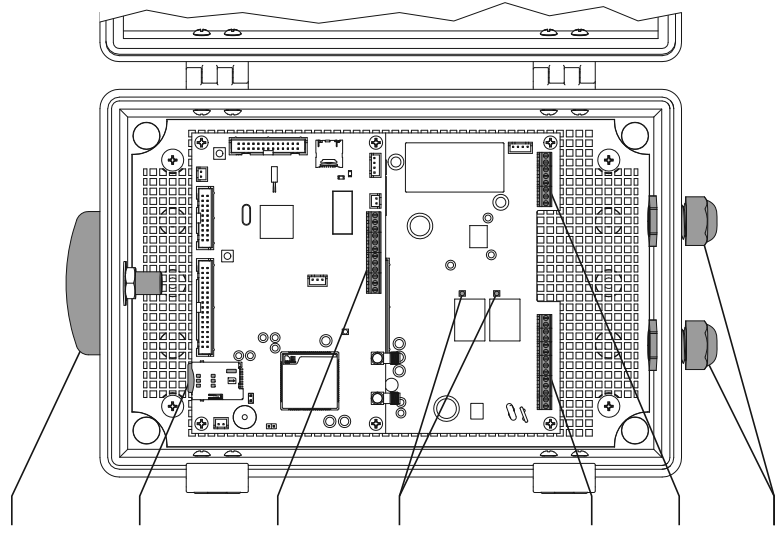
Power and Relay Terminals

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

Status and Event Terminals

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

Wiring Glands



ASCENT C² QUICK START GUIDE

2 of 4

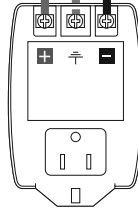
Model 25-C2

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

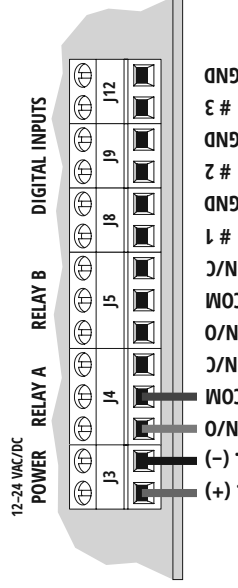
(Model PS-12DC1 included)

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

OR

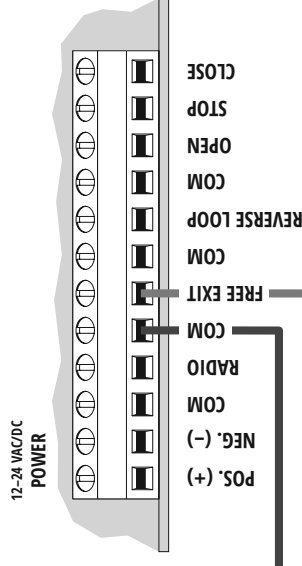
Third-Party 12-24-VAC/DC Power Source

Ascent Power and Relay Terminals



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

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!

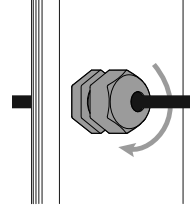
Consult gate operator or door opener manual for exact connections. Terminals vary widely across manufacturers and models.

STOP!

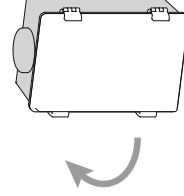
Before going forward, double check wiring and ensure unit has power!

For additional wiring options, see Page 3.

4 Tighten cable-gland locknut(s).



5 Close and latch door of unit.



INSTALLATION COMPLETE!

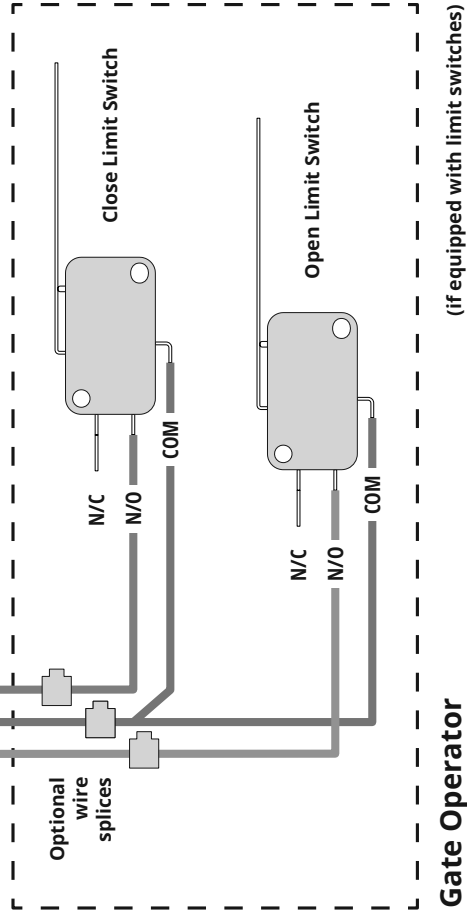
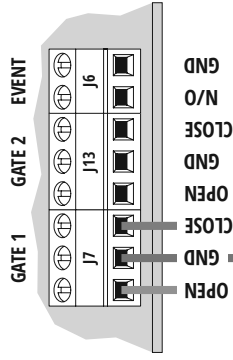
Now follow the **Activation Guide** to create an account and begin using Ascent.

ASCENT C² QUICK START GUIDE

3 of 4
Model 25-C2

A Status Check Wiring to enable Gate Status Check

Ascent Status and Event Terminals



CAUTION!

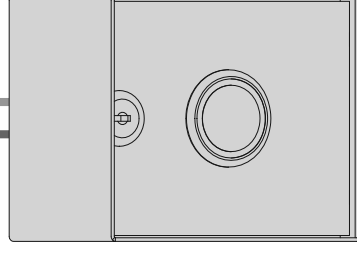
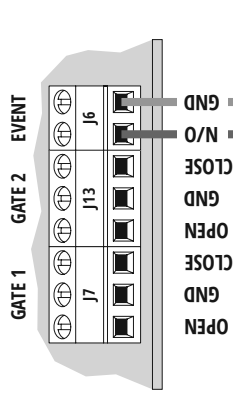
The Status Terminals are designed for low voltage (**3 V or less**). Check the voltage on your status wires before connecting. If it is above 3 V, you will need to contact **Technical Support**.
Exceeding 3 V can damage unit!

**DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!**

B Event Input

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

Ascent Status and Event Terminals



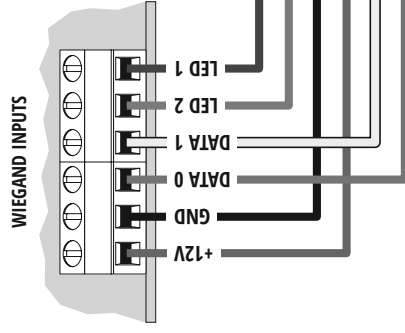
ASCENT C² QUICK START GUIDE

4 of 4

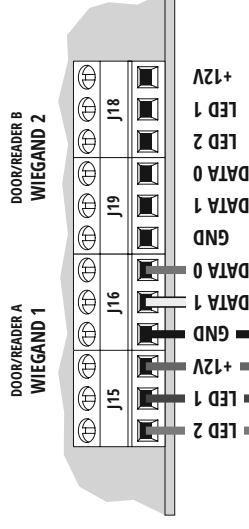
Model 25-C2

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 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
Current Draw	no more than 10% beyond this range less than 260 mA @ 12 VDC less than 160 mA @ 24 VDC

Using a Third-Party Power Source (Optional)



! 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!

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.



NEED HELP

Call (844) 259-8265

Email support@summitcontrol.com

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



SECURITY BRANDS INC[™]
your *partner* in access control



Ascent K¹ QUICK START GUIDE

1 of 4

Model 25-K1



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)



Key



Carriage Bolt
(4x)



Hex Nut
(4x)



IMPORTANT!

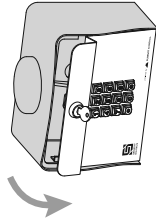
We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

2

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



Continued on next page...



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.



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!**

What's what? Important components labeled

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

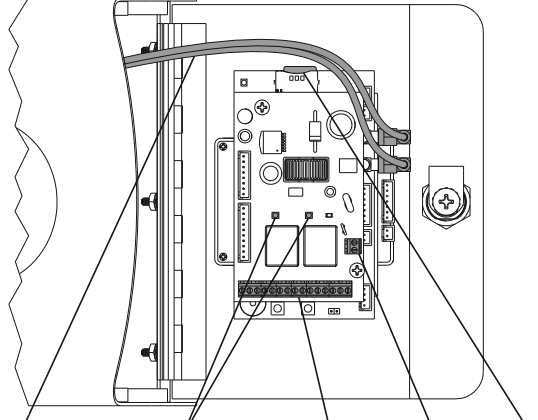
Antenna Cables

Relay Status LEDs
Relay is active when lit

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

Power Terminals
For wiring to compatible AC/DC power source

SIM Card



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.

Failure to follow instructions can damage unit!

ASCENT K¹ QUICK START GUIDE

2 of 4

Model 25-K1

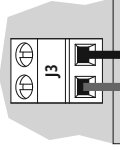
3 Connect wires

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

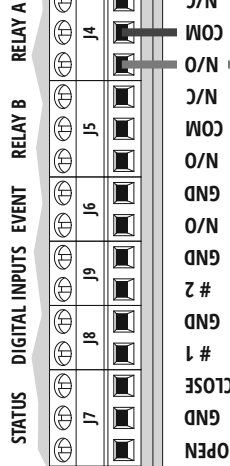
Excessive force can damage unit.

Ascent Power Terminals

12-24 VAC/DC POWER

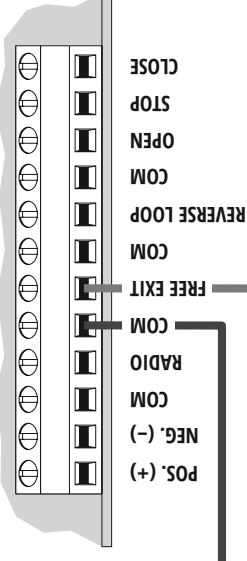


Ascent Connection Terminals



Gate Operator / Door Opener

12-24 VAC/DC POWER



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

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

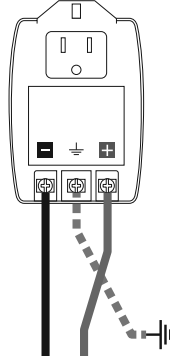
CAUTION!

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!

Consult gate operator or 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.



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.

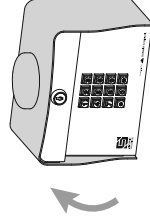
Third-Party 12-24-VAC/DC Power Source

STOP!

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

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

4 Close and lock front panel.



5 Make sure gate path is clear, then key in temporary code 2012 on keypad and confirm gate opens.

2 0 1 2

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



INSTALLATION COMPLETE!

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

ASCENT K¹ QUICK START GUIDE

3 of 4

Model 25-K1

A

Status Check

Wiring to enable Gate Status Check

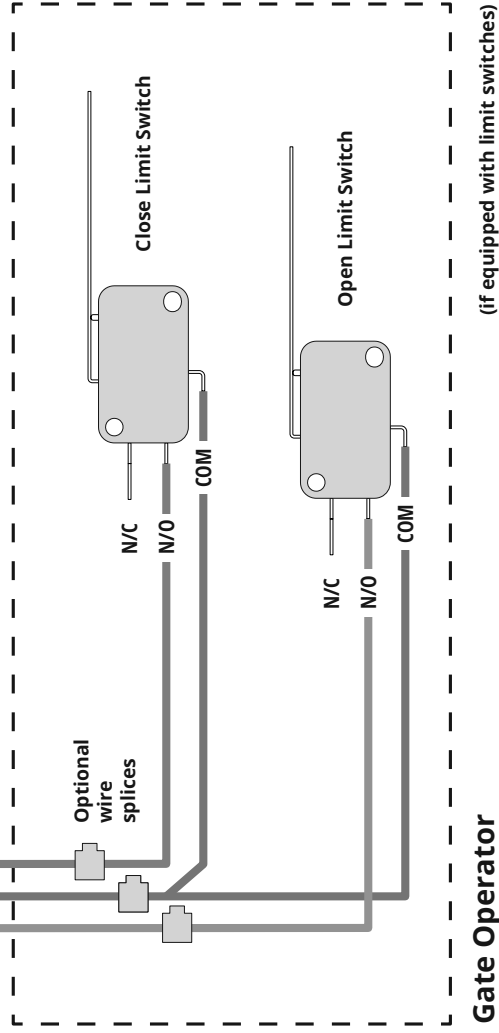
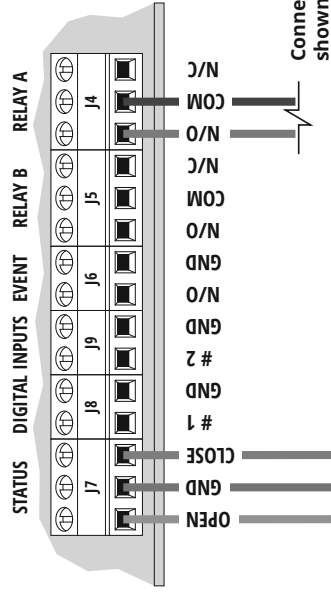
CAUTION!

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!

DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!

Ascent Connection Terminals

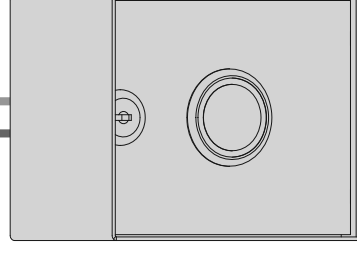
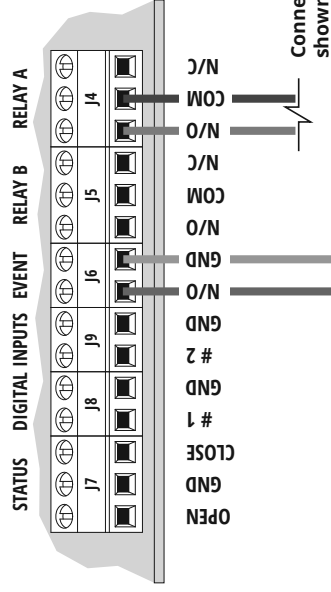


B

Event Input

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

Ascent Connection Terminals



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

ASCENT K¹ QUICK START GUIDE

4 of 4

Model 25-K1

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

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



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QSG-25K1-EN

Rev. F (1/2019)



ASCENT K² QUICK START GUIDE

1 of 4

Model 25-K2



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)



Key



Carriage Bolt
(4x)



Hex Nut
(4x)

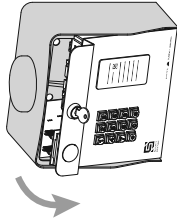
! IMPORTANT!

We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, 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!

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



Continued on next page...

! 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.

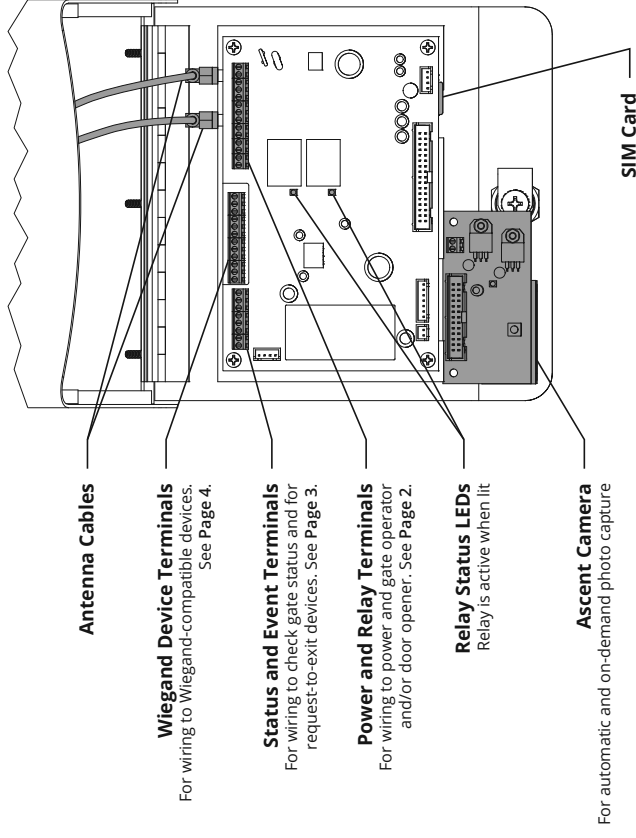
! WARNING!

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!**

What's what? Important components labeled



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

Antenna Cables

Wiegand Device Terminals
For wiring to Wiegand-compatible devices.
See Page 4.

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

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.

Failure to follow instructions can damage unit!

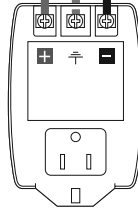
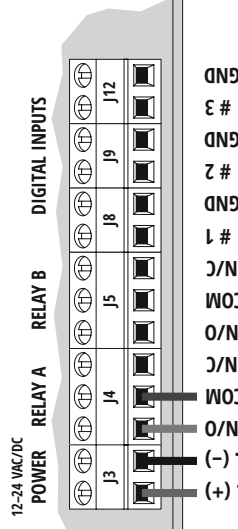
ASCENT K² QUICK START GUIDE

2 of 4

Model 25-K2

- 3 **Connect wires**
Feed wires through back of unit and connect as shown using included screwdriver.
Excessive force can damage unit.

Ascent Power and Relay Terminals



12-V AC/DC Adapter

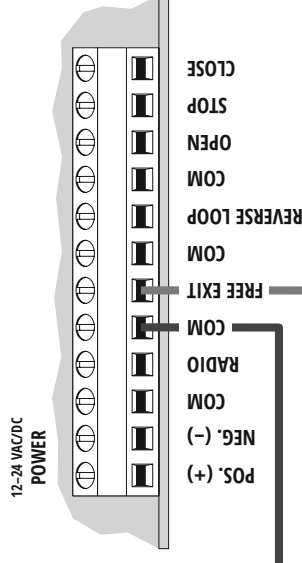
(Model PS-12DC1 included)
The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

OR

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

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

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!

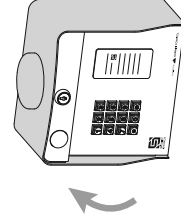
Consult gate operator or door opener manual for exact connections.
Terminals vary widely across manufacturers and models.

STOP!

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

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

4 Close and lock front panel.



INSTALLATION COMPLETE!

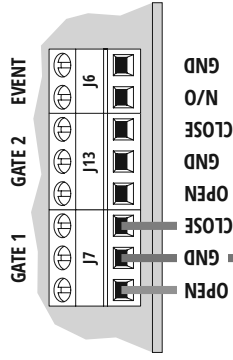
Now follow the **Activation Guide** to create an account and begin using Ascent.

ASCENT K² QUICK START GUIDE

3 of 4
Model 25-K2

A Status Check Wiring to enable Gate Status Check

Ascent Status and Event Terminals

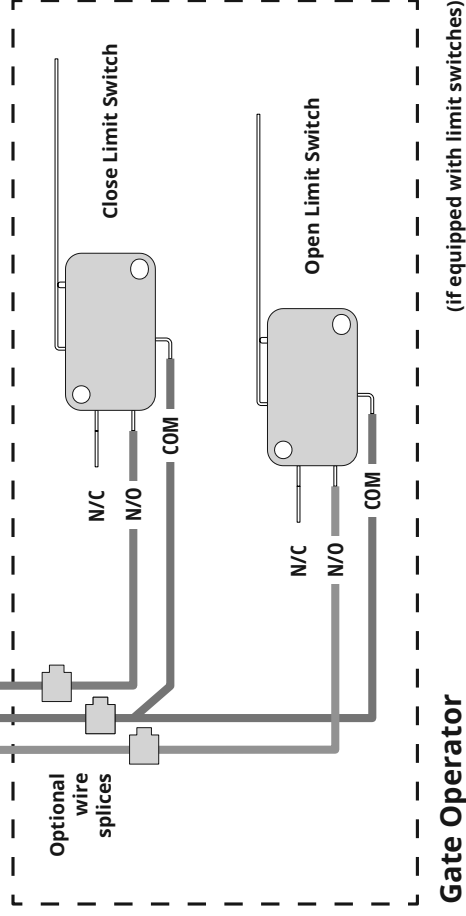


CAUTION!

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!

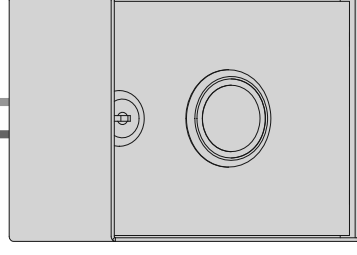
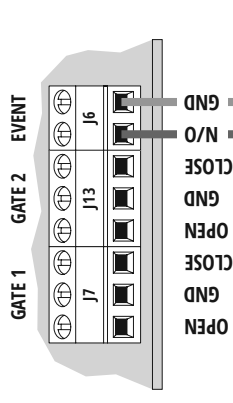
**DOES NOT WORK WITH A DECODER!
MUST BE A DRY CONTACT!**



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 K² QUICK START GUIDE

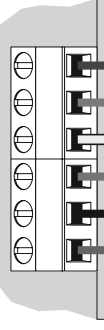
4 of 4

Model 25-K2

C Wiegand Device Wiring for Wiegand devices

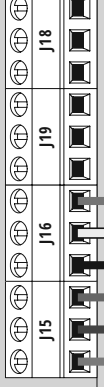
Wiegand Device

WIEGAND INPUTS

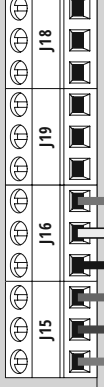


Ascent Wiegand Device Terminals

DOOR/READER A WIEGAND 1



DOOR/READER B WIEGAND 2



! CAUTION!

Disconnect power to Ascent before connecting Wiegand devices.

Failure to disconnect power can damage unit!



! 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
Current Draw	no more than 10% beyond this range less than 260 mA @ 12 VDC less than 160 mA @ 24 VDC

Using a Third-Party Power Source (Optional)



! 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!

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.



NEED HELP

Call (844) 259-8265

Email support@summitcontrol.com

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