

Guardian V2 Guide



Product Details

- [Product Name](#)
- [Models](#)
- [Kit Contents](#)
- [Product Specs](#)
- [Smartphone Compatibility](#)
- [Certifications](#)
- [Opener Compatibility](#)

Installation

- [Installation Process](#)
- [Tools Needed](#)
- [WiFi Network Requirements](#)
- [WiFi LED Blinking Reference](#)
- [Professional Installation](#)

Using the beam Home App

- [Downloading the beam Home Mobile App](#)
- [Inviting Users](#)
- [Removing Users](#)
- [Changing the Name of the Door](#)
- [Viewing Door Activity](#)
- [Managing Integrations](#)
- [Changing the Account Password](#)
- [Setting an Account Pin Code](#)
- [Resetting an Account Pin Code](#)
- [Updating WiFi Credentials](#)

Amazon Alexa

- [What is Amazon Alexa?](#)
- [Why do I have to say "beam Home" instead of just "beam"?](#)
- [Connecting beam with Amazon Alexa](#)
- [beam Alexa Commands](#)

IFTTT

- [What is IFTTT?](#)
- [Connecting beam with IFTTT](#)

General FAQs

- [Can I still use my existing door controls?](#)
- [Will I have to update beam?](#)
- [Is it possible that beam could damage my garage door opener?](#)
- [How is beam powered?](#)
- [How do I know if my garage door opener\(s\) are compatible?](#)
- [How many doors can beam control?](#)
- [What kind of garage door do I have to have?](#)
- [Are beam door sensors wired or wireless?](#)
- [Is beam secure?](#)
- [I lost my phone! What do I do?](#)

Troubleshooting

- [Controller is not connecting to WiFi](#)
- [Door state is out-of-sync with the beam Home app](#)
- [Receiving open door notifications when door is actually closed](#)
- [Receiving an error in mobile app that says "cannot connect to controller..."](#)
- [Controller makes clicking sound but opener does not move](#)

Terminology

- [Account Owner](#)
- [Amazon Alexa](#)
- [beam](#)
- [beam Home / Beam Labs, LLC](#)
- [BlinkUp](#)
- [Controller](#)
- [Installation Guide](#)
- [Invited User](#)
- [IFTTT](#)
- [Sensor Code](#)
- [WiFi](#)

Guardian V2 Guide

PRODUCT DETAILS



Product Name

- beam Smart Control Kit

Model

- V2

Kit Contents

- Controller (Qty. 1)
- Power adapter (6-feet, Qty. 1)
- Wireless door sensor (Qty. 1)
- Opener cable (3-feet, Qty. 1)

Product Specs

- Requires WiFi (2.4GHz routers only) and an Android or iOS device for setup.
- Controller: 3.2" x 3.2" x 1.18"
- Door sensor: 2.65" x 1.75" x 0.98"
- Mounts to any surface via adhesive strip
- Carton dimensions: 6.7" x 5.5" x 2.7" (170 mm x 140 mm x 70 mm)
- Weight: 0.93 lbs. (0.42kg)
- Currently compatible with North American power (110-130VAC, 60Hz). European and Australia versions TBD.

Smartphone Compatibility

- iPhone/iPod/iPad (iOS 9.0+), Apple Watch (WatchOS 1.0+)
- Android (2.2+)

Certifications

Tested to UL-325

Opener Compatibility

<https://www.adhguardianusa.com/compatible-garage-door-openers> (see dropdown at bottom of page)

Guardian V2 Guide

GENERAL FAQs

Can I still use my existing door controls?

Yes. We aim to only supplement the way you currently use your garage door, so your existing door remote and wall controls will continue to work after the Smart Garage Door Controller is installed.

Will I have to update beam?

No. Your beam controller is self-updating. When new software is available, the device will automatically download and install the updates.

Is it possible beam could damage my garage door opener?

No. The beam kit is a passive, isolated device. It's designed to protect your opener and itself. The beam Smart Control Kit is also UL-325 listed which covers a number of additional safety features, such as visual/audio warnings, which ensure the safety of the user and their property.

How is the beam controller powered?

The beam controller is powered through an adapter that plugs into a standard 110-120 VAC electrical outlet (for North America). We are currently working on support for locations outside of North America.

How do I know if my garage door opener(s) are compatible with the beam Smart Control Kit?

You can view a list of devices that we know are compatible on our [Compatible Garage Door Openers](#) page. We are constantly adding to the list of compatible devices, so even if your opener is not listed yet, there's an excellent chance that it will still work with the beam Kit.

The Smart Garage Door Controller should be used only on sectional doors with garage door openers made after 1993 with a photo-eye safety system. (Command output is not compatible with garage door openers with serial encryption).

How many doors can the beam Smart Control Kit control?

You can control one garage door with a single Smart Garage Door Controller. If you would like to control multiple openers, you need to buy a controller for each opener.

What kind of garage door do I have to have?

The beam Smart Control Kit should only be used with sectional garage doors. It should not be used with single-piece or swinging garage doors.

Are beam door sensors wired or wireless?

The beam door sensors are wireless.

Is my beam device secure?

Yes. The beam Smart Control Kit uses industry standard security technology to keep your data and access to your garage safe and secure. All communications and sensitive data (such as your password) are encrypted and secured in our databases using the same technology as online banking. In addition, we have put in place numerous security mechanisms to prevent unauthorized access to your controller. Our security standards continue to be updated as technology evolves.

Guardian V2 Guide

I lost my phone! What do I do?

There is not currently a way for a user to delete or deactivate their account themselves. As a temporary measure, we instruct the user to unplug the controller from power in the interim to prevent unwanted opener control. Then, to start the process of disabling a user's account/controller due to the loss of a phone, create a support ticket that contains:

- Full name
- Email address of their beam account
- Contact phone number

INSTALLATION

Installation Process

Users are guided through installation with a printed installation guide (included in the box). During some steps, users complete setup tasks within the beam Home app. Installation is completed in 9 steps (which are numbered and titled). Users are guided to:

1. Download the app & begin setup
2. Power up the controller
3. Program the controller
4. Scan the wireless door sensor code
5. Mount the wireless door sensor
6. Mount the controller
7. Connect the opener cable to the controller
8. Connect the controller to the garage door opener
9. Power up the controller and opener

The full installation guide can be downloaded here:

https://www.adhguardianusa.com/sites/default/files/V2%20Guardian_Install_Booklet_1-6.pdf The latest revision of the will be on the website, see <http://www.adhguardianusa.com/products/beam-smart-control-kit>

Tools Needed

All customers need for installation is a:

- Screwdriver
- Android or iOS smartphone
- Ladder (to affix controller to opener, plug cable into opener)

WiFi Network Requirements

The current version of beam will **only join a 2.4GHz WiFi network**. If users are not sure whether their network is a 2.4GHz or 5GHz, it is common for 5GHz networks to have a "-5" or "-5G" after the network name to help distinguish it from the 2.4GHz network (which usually does not have a suffix). If you have a dual-band, mesh network, such as [eero](#), [Google WiFi](#) or [Luma](#), there is only one network name for both the 2.4GHz band and 5GHz band. These mesh routers are designed to figure out which band a device needs to connect to automatically.

WiFi LED Blinking Reference

There are two LEDs on a v2.0 controller, a power LED (always amber) and a WiFi status LED (either red, orange or green). Since the WiFi status LED is multi-color and has special blinking patterns, the following is a quick reference as to what the most common colors/patterns mean:

Guardian V2 Guide

ORANGE – Blinks on and off continuously every 0.5 second (not connected to WiFi, ready to be programmed)

RED – Blinks red 3 - 4 times, repeats (has WiFi credentials, cannot connect to selected WiFi network)

GREEN – Blinks on and off continuously every 0.5 seconds (connected to WiFi, working nominally)

Professional Installation

In cases when a professional is handling installation, setup within the beam Home app should be done using the homeowner's smartphone.

TROUBLESHOOTING

Controller is not connecting to WiFi

In some instances, users might have difficulties completing BlinkUp to successfully program the controller and connect to WiFi. To aid in successfully connecting to WiFi, you can advise customers:

- Completely cover the setup port with the phone screen facing towards the port. Leave no gap between the screen and the side of the controller.
- Try adjusting the brightness of your phone.
- It may also be helpful to dim the lights in the room or cup your hand over your phone during programming to minimize light interference.

Door state is out-of-sync with the beam Home app

Users may encounter an issue where the door icon within their app does not reflect the actual position of their door. In order to force a sync so the app displays the correct position, tap the beam logo above the door view (iOS) or shake your phone (Android). This will force the app the sync with the true position of your doors.

Receiving open door notifications when door is actually closed

This issue is usually a product of one of three reasons:

- *Door Sensor Battery is Low:* The door sensor has two AAA batteries that need to be changed from time to time (approximately every year). Try changing the batteries of the sensor and placing it back on the door.
- *Door Sensor Not Attached to Door:* Check that the door sensor is still mounted to the door. If it has fallen off, mount it back on the door.
- *Door Obstruction:* If an object is blocking the door from closing fully, the V2 controller will consider the door to be open—even if it's < 1 foot.

Receiving an error in mobile app that says “Cannot connect to controller...”

If users receive this error message while trying to open or close their door from the beam Home app, the controller may have an issue with connecting to WiFi. There are a number of potential explanations:

- *No active internet connection:* Check that your wireless is functional using another device (such as a laptop or tablet) to attempt to connect to the internet.
- *Weak wireless network signal:* The wireless network signal in your garage may not be strong enough for the controller to remain connected. You can test this by trying to use another device to connect to the internet (such as a laptop or tablet) in the garage. If that does not work, you might need to move your router closer to the garage, or purchase a wireless extender to increase the range of your network.

Guardian V2 Guide

- *Your controller is powered off:* If the controller is powered off or unplugged, you will receive this message. This could mean that the power is off to the entire garage as well, such as in a power outage.

If none of the preceding points seem to be the cause, there are a couple other things you can check.

- If you recently changed your network settings/configuration, you may need to setup beam again using the setup feature of the mobile app. To update your WiFi settings, go to your Account Settings > Controllers > Select Your Controller > click Update WiFi.
- Power cycle the controller and wait for the front LED to blink green. If it blinks green and continues to blink green, this means the controller was able to successfully connect to the network.

Controller makes clicking sound but opener does not move

There are generally two reasons why beam might appear to be working correctly from the perspective of the mobile app but the door does not physically move up and down. Sometimes, this problem is described by the customer as hearing “the controller making a clicking sound” but not seeing the door move even though it is moving in the app:

- *Opener cable is not installed correctly:* Verify the make and model of the customer’s garage door opener and ensure that they have the black opener cable (connects the controller to the opener) connected to the correct terminals on the opener. Please consult the opener manual to determine the correct connection or check the [installation instructions](#) from the Guardian website (see dropdown menu at bottom of page).
- *Opener is not compatible:* Occasionally, a customer will purchase beam without knowing they need to verify that their make/model opener is compatible with beam. Beam is not compatible with garage door openers with serial encryption, such as Security+ 2.0.

USING THE BEAM HOME APP

Downloading the beam Home Mobile App

A native mobile app is available for Android Smartphones, iPhone/iPad and Apple Watch. The app is free to download, but requires the purchase and proper installation of a Smart Garage Door Controller to work.

Currently, beam supports:

- iPhone/iPod/iPad (iOS 9.0+) – [Link to app in iTunes App Store](#)
- Apple Watch (WatchOS 1.0+)
- Android (4.0+) – [Link to app in Google Play](#)

Inviting Users (ACCOUNT OWNER ONLY)

Account owners can grant access to their door to an unlimited number of users (so they can open or close your door through the beam Home app). *Only the account owner can invite users.*

1. Log into the beam Home app
2. Tap “Settings” on the door you would like to share access to
3. Tap “Manage Users”
4. Tap “Add New User”
5. Enter the email address of the person you wish to share your door with
6. Tap “Add New User”

If the user already has a beam account, they will be automatically granted access to your garage door once you invite them. If the user does not have a beam account, they will receive an email requesting they create one.

Guardian V2 Guide

Removing Users (ACCOUNT OWNER ONLY)

Only the account owner can remove access for users. Access will be removed instantly.

1. Log into the beam Home app
2. Tap “Settings” on the door you would like to remove access to
3. Tap “Manage Users”
4. Tap “Remove” on the selected user

Changing the Name of a Door (ACCOUNT OWNER ONLY)

Currently, only the account owner can change the name of a door in the mobile app. This is scheduled to be changed to allow all users control over their door name.

1. Tap “Settings” on the door you would like to rename
2. Tap “Edit Door Name” and enter the new name
3. Tap “Save”

Viewing Door Activity (ACCOUNT OWNER ONLY)

Currently, only an account owner can see door activity in the mobile app. Door activity is available to view for the past seven days within the app.

1. Tap “Settings” on the door you wish to view
2. Tap “View All Activity”

Only the account owner can view door activity. Invited users cannot view activity.

Managing integrations (ACCOUNT OWNER ONLY)

Users may enable or disable integrations within their Account Settings, under “Integrations.”

Changing the Account Password

1. Go to Account Settings in the beam Home app
2. Scroll down and tap “Change Password”
3. Enter your old password and what you would like to change it to.
4. Tap “Change Password”
5. Follow the instructions in the confirmation email to finish updating your password

Setting an Account Pin Code

Users may wish to set an Account Pin Code for an added layer of security. A pin code is also required to open a garage door using Amazon Alexa.

1. Open the beam Home app.
2. Navigate to the My Account screen.
3. Under the Security section, tap “Pin Code”.
4. Enter a four-digit pin code.

Resetting an Account Pin Code

1. Open the beam Home app.
2. Navigate to the My Account screen.
3. Under the Security section, tap “Reset Pin Code”.
4. Enter your account password (not your pin code).
5. Enter a new four-digit pin code.

Guardian V2 Guide

Updating WiFi Credentials

If a user's beam has disconnected from the internet, or if they've recently changed your wireless router or network settings/configuration, you'll need to update your controller's WiFi credentials and reprogram your device.

1. Go to your Account Settings
2. Select Controllers
3. Select your controller from the list
4. Select Update WiFi
5. Enter your WiFi Credentials
6. Select the Continue button
7. Refer to the diagram on how to hold the phone to the controller, then click the Begin Setup button
8. Hold your phone over the setup (the WiFi status light on the side of the controller should stop blinking while your phone is flashing).

If all of this is done correctly, the user's WiFi status light on the top side of their controller should blink green and beep four times. Your controller should now be connected to your WiFi network.

AMAZON ALEXA

What is Amazon Alexa?

Amazon Alexa is a virtual assistant developed by Amazon. Its far-field voice recognition hears users from across the room and lets them control their connected with verbal commands. Alexa begins working as soon as it detects the wake word (either "Alexa" or "Amazon").

Why do I have to say "beam Home" instead of just "beam"?

The name (ie. skill invocation name) you use to let Alexa know you are talking about beam is "beam Home". Using "beam" as the invocation name was not allowed per Amazon rules.

Connecting beam with Amazon Alexa

In order to connect your Smart Garage Door Controller to Alexa, follow these steps:

1. Open the beam Home mobile app and navigate to Account Settings > Integrations > Amazon Alexa. Tap Continue.
2. Set your Pin Code and re-enter to confirm (if you've already set your Pin Code within your My Account settings, enter it now).
3. You'll then be directed to the Alexa Companion App or Alexa Dashboard. Go to Skills and search for beam
4. Enable the beam Home Alexa skill and enter your beam account email and password.
5. Choose Allow.
6. Ask Alexa "Alexa, ask beam Home if any of my doors are open."

**Alexa requires that users provide a Pin Code to open a garage door (for additional security).*

beam Home Alexa Commands

Before users can connect beam to Alexa, they must first enable the beam skill (see above). To open the beam skill, they must say: "Alexa, launch beam Home"

Common commands include:

Guardian V2 Guide

- “Alexa, ask beam Home what the names of my doors are” – get the names of your doors
- “Alexa, ask beam Home for help” – Get helpful information
- “Alexa, tell beam Home to close my door” – Close an open door
- “Alexa, tell beam Home to open my door” – Open a closed door (requires a Pin Code)
- “Alexa, ask beam Home if my door is open” – Check if door(s) are open

IFTTT

What is IFTTT?

IFTTT (If This Then That) is an integration that users can connect to their beam accounts. With it, they can enable various extensions that allow them to close a beam garage door if it starts to rain, get a text message when a door is open and many more. IFTTT allows beam to work with tons of smart products and services, making it overall smarter. The service is free to use for beam users. *Only the account owner can enable IFTTT for a beam controller.* Many of the most popular beam extensions can be found on [beam's IFTTT profile](#).

Connecting beam with IFTTT

To connect the beam Channel, users should follow these steps:

1. Open the beam Home App and navigate to My Account > Integrations > IFTTT. Tap Continue.
2. Choose an Applet that you would like to enable and follow the onscreen instructions!

Note: Actions using this integration will not appear in a user's IFTTT Applet log (for now). Users can also connect your Smart Garage Door Controller on IFTTT.com.

TERMINOLOGY

Account Owner

The account which was used to setup the beam, who has admin level permissions within the app (i.e. viewing door history, inviting users, removing users, enabling integrations, etc.).

Amazon Alexa

Amazon Alexa is a virtual assistant developed by Amazon.

beam

beam is the consumer-facing master technology brand under which all beam products fall.

beam Home

beam Home refers to the beam iOS and Android app.

BlinkUp

BlinkUp is the process in which users program their controller and connect to WiFi.

Controller

The controller ports and LEDs are referenced as the following.

Guardian V2 Guide

- Opener port
- DC IN port
- WiFi status
- Power indicator
- Front LED

Installation Guide

A physical, multi-page instruction manual that directs users through the installation process. It is included in every V2 box for all brands.

Invited User

Users who have been invited to access a garage door by an account owner.

IFTTT

IFTTT (If This Then That). Is an integration with sets of actions, Applets, with which users can connect to their beam account.

Sensor Code

The code that users scan during setup, found on the back of their wireless door sensor.

WiFi

A shorthand to refer to a wireless network. The controller connects wireless to a user's WiFi network.

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.