



GDO White

Smart Garage Door Opener Accessory v2 with Optical Laser Sensor

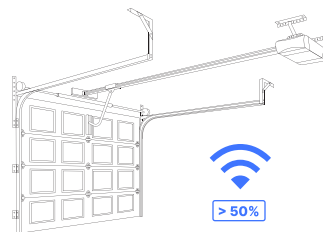


Installation Guide | GDOv2-S

STEP 3: Physical Setup

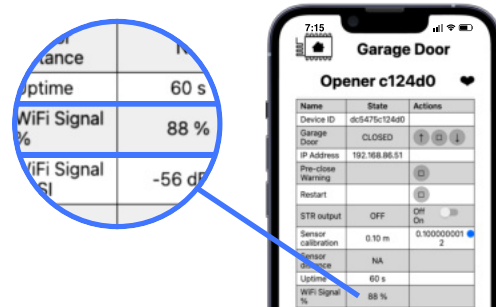
Check Wi-Fi Signal in Garage

Move the device into the garage and plug it in.



Tap **Open Web Page** to see the internal web interface of the Konnected GDO. Scroll down to **WiFi Signal %** to see the signal strength.

Ensure that the signal strength is **at least 50%** for best results.



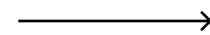
Make your garage door opener smart! The **Konnected Garage Door Opener** retrofits an older garage door opener, letting you open or close it and know if it's open in real-time with your favorite smart home app.

Works with most garage door opener models with dry-contact wall button

Kit Contents

1. Smart Garage Door Opener
2. Power Adapter
3. Hook-Up Wire
4. Mounting Screws
5. Wall sticker

Scan for full documentation



WARNING

To reduce the risk of injury to persons—

- Only install this product on a sectional garage door.
- Do not use this device with one-piece doors or swinging doors.
- Use only with garage door openers manufactured after 1993 with a functional obstruction sensor (beam).
- Do not disable the built-in audible and visual pre-closing warning.

IMPORTANT SAFETY INSTRUCTIONS

- Read and follow these instructions.
- Unplug all devices during installation to avoid the risk of electric shock and unwanted garage door movement.
- Do not install in a wet or damp location or allow to be exposed to moisture or weather.
- Secure all wires and cables to prevent them from falling in the path of the moving garage door or vehicles.
- When using a ladder, follow all warnings to avoid injury.
- Affix the warning sticker near the garage wall button.

AUTOMATE SMART

This product provides the capability to automate the opening and closing of the garage door, potentially providing ingress to your home. YOU MUST EXERCISE CAUTION and due diligence when implementing such automations. ALWAYS THOROUGHLY TEST ALL AUTOMATIONS and ensure that the device's sensor is correctly and consistently reporting the state of the garage door.

STEP 1: Initial Setup

Connect to Wi-Fi

Connect your new GDO to Wi-Fi before installing it in the garage. Power on the device by plugging in the included power adapter. Using a smart phone or computer, connect to the WiFi network:

garage-door-xxxxxx

if the Wi-Fi connection page doesn't open automatically, then open your browser and go to:

http://192.168.4.1

Select your Wi-Fi network and enter your password:



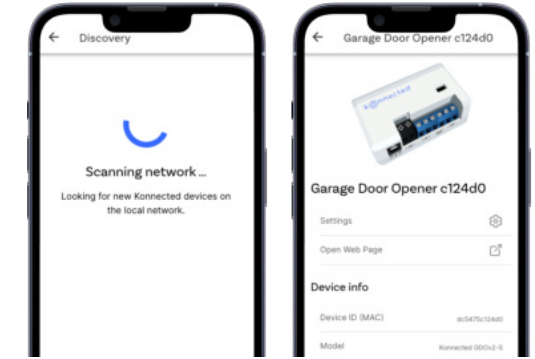
Find it Online

Download and install the Konnected app to easily discover and set up your GDO.



You can also go to the device's IP address directly (without needing the Konnected app) by finding it in your router's app.

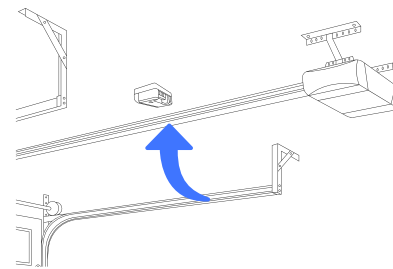
Go to **Add New Device** from the app menu to search for the device on your network.



Next step— flip over to connect to smart home platform

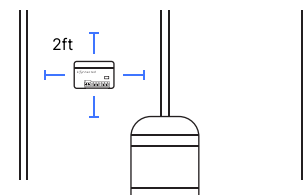
Choose a Mounting Location

Close the garage door, move the car out of the way, and find a location on the ceiling of the garage where you will mount the device.



Choose a location so that if you are standing directly underneath the Konnected GDO looking up, and the garage door is *opened*, the rolled-up garage door will completely block view of the device.

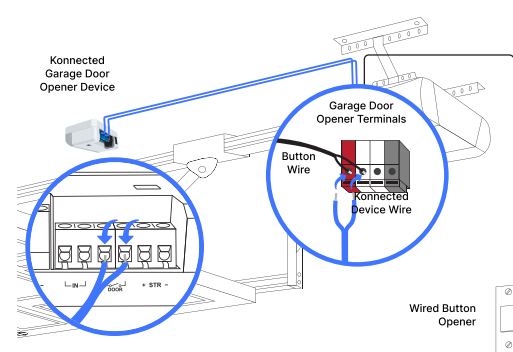
Choose a location that's **at least 2ft away** (0.6m) from any track, chain, beam or support.



Make sure the power plug cord and hookup wire is long enough to reach a ceiling outlet and the garage door opener motor before mounting the device!

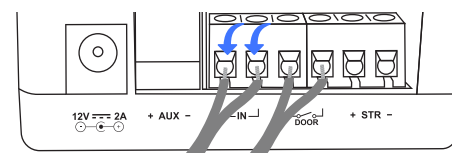
Connect the Control Wire

Unplug the garage door opener before you begin!



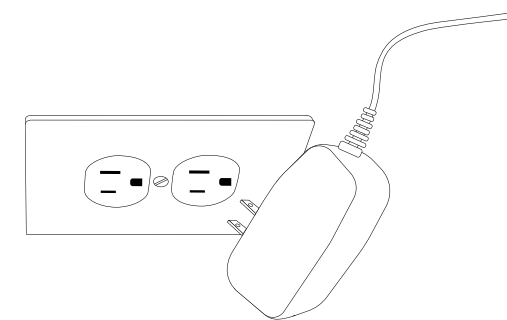
Optional: Connect Wired Sensor

If desired, you can use a wired contact sensor (sold separately) or limit sensor (may be installed on your garage opener) instead of or in addition to the built-in optical sensor.



Power It Up!

Plug in the Konnected GDO and the garage door opener unit.



Calibrate Optical Laser Sensor

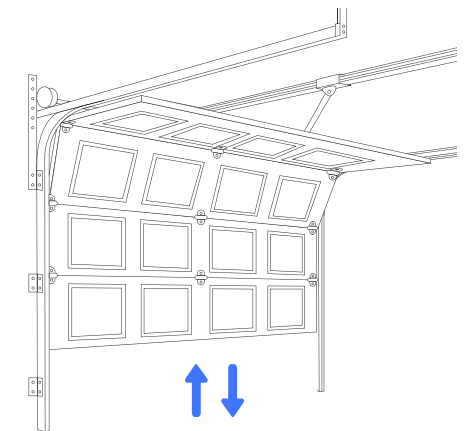
Use the Konnected app or the device's internal web page to calibrate the optical sensor. The **sensor calibration** should be the distance between the device and the garage door when it's open.

The sensor works best when there's less than **5ft** from the top of the garage door to the ceiling.



Test Opening and Closing

Use your smart home app or the device's internal web page to test the open and close functions and check that the door status is read correctly.



By default, the device uses the built-in optical laser sensor to determine the opened/closed status of the garage door. To use a different detection method, adjust the firmware configuration in the Konnected app.

An audible & visual warning will activate for 5 seconds before the Konnected device triggers the garage door to close. This is a required safety feature and cannot be disabled.

STEP 2: Platform Setup

Cloud Setup

via Connected App

Integration with SmartThings and Alexa is provided by the free Connected Cloud service. Use the Connected app to sign up for Connected Cloud.

Get the App



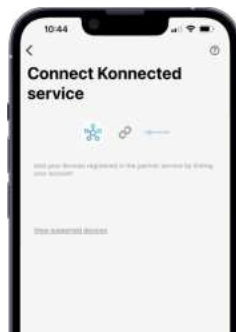
Configure the Device



Tap **Settings** to configure your device for Connected Cloud.

Then follow the steps in the app to **update the device firmware**.

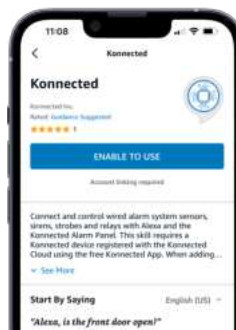
SmartThings



In the SmartThings app, tap the + icon and **Add device > Partner device > By brand > Connected**

Follow the steps to link your Connected Cloud account to SmartThings

amazon alexa



Install the **Connected skill for Alexa** from the Alexa Skills store.

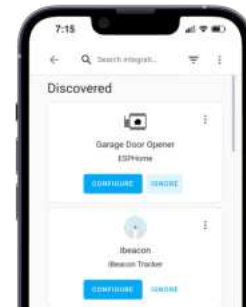
Follow the steps to link your Connected Cloud account to Alexa.

Local Setup



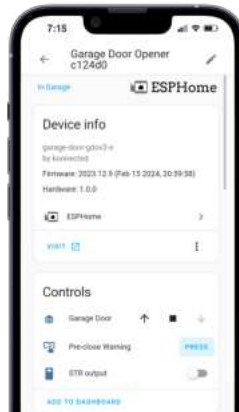
After connecting your GDO to WiFi, Home Assistant should discover it automatically.

Open Home Assistant (mobile app or web interface) and look for **New devices discovered** in the Notifications pane.



The GDO uses the built-in **ESPHome** integration. If it's not automatically discovered, go to Settings > Devices & Services > Add Integration > ESPHome to add it manually by IP address.

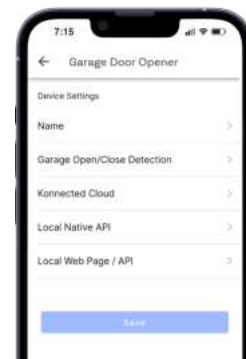
Now you can find the device named **Garage Door Opener** in Settings > Devices & Services > Devices.



The main control is the Garage Door entity. Tap Add To Dashboard for easy access.

Calibrate the optical sensor in the Configuration section.

Customization



There are two ways to customize the settings of your new GDO.

Use the **Connected App** to customize and update your GDO firmware using our service that builds ESPHome configs for you!

Or, install the **ESPHome Dashboard** Add-on for Home Assistant and *adopt* your device.



Check our support site for ESPHome config tips.



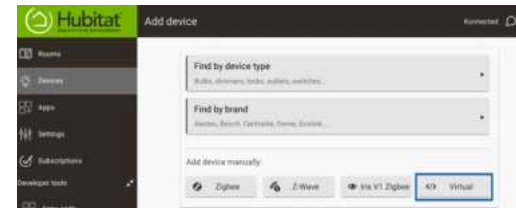
Local Setup



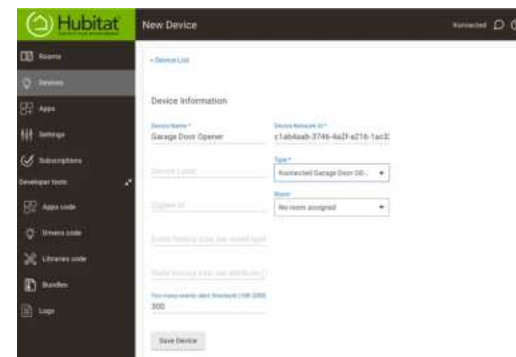
Install the driver for the Connected GDOv2-S using **Hubitat Package Manager**

Or download and import the *GarageDoorOpenerGDOv2S.zip* file from our open-source drivers on GitHub: <https://github.com/konnect-ed-io/konnect-ed-hubitat/releases>

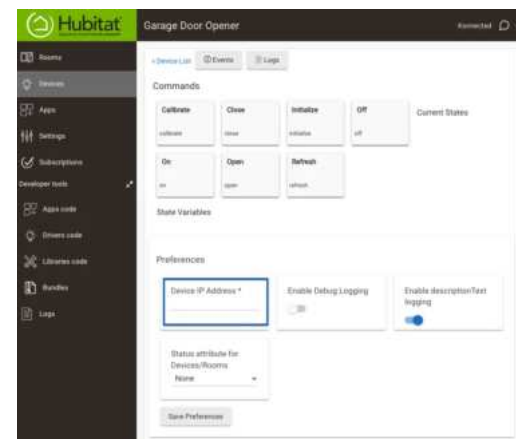
Next, in Hubitat got to Devices > Add a device. Then choose *Virtual*.



Fill in a Device Name. The Device Network Id should be auto-populated for you. Select Connected Garage Door GDOv2-S from the Type drop-down. It will appear at the bottom of the drop-down under the User heading.



Find the IP Address of the device on your local network. You find this in the Connected App, or by looking in your router's app or for a device named garage-door-XXXXX or konnect-ed-XXXXXX. Enter the IP address in the device's Preferences section and Save Preferences.



After saving the IP Address, Hubitat will connect to your device and automatically populate states! Your Garage Door Opener is ready to install and use.

Tap the **Calibrate** button when the garage is open to calibrate the optical laser sensor.

Statement Regarding FCC / IC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this product not authorized by Connected could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.

Exposure to radio frequency energy. The radiated output power of this device meets the limits of FCC/IC radio frequency exposure limits. This device should be operated with a minimum separation distance of 20 cm (8 inches) between the equipment and a person's body.

Contains FCC ID: 2AC7Z-ESPS3MINI1
Contains IC: 2AC7Z-ESPS3MINI1
Konnect-ed MODEL: GDOv2-S

Limited Warranty

Konnect-ed warrants this product against defects in material or workmanship for a period of 1 year following the initial purchase and delivery of the product. However, Konnect-ed does not warrant that this product, when used together with software and/or services provided by Konnect-ed (collectively, "Products and Services") are defect- or error-free, or that the operation of the Products and Services will be uninterrupted or 100% available. The Products and Services rely in part on factors outside Konnect-ed's control, including the transmission of data through your Wi-Fi network, third-party cloud services, third-party open source software packages, self-hosted smart home controllers, mobile devices, and internet access. These factors may result in the Products and Services being unreliable or unavailable. Konnect-ed does not warrant that the products and services will meet all of your requirements or be compatible with your equipment. Except as expressly stated in this section, to the maximum extent permitted under applicable law, Konnect-ed is providing and licensing the Products and Services as is without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, title, non-infringement, and fitness for a particular purpose.

Limitation of Liability

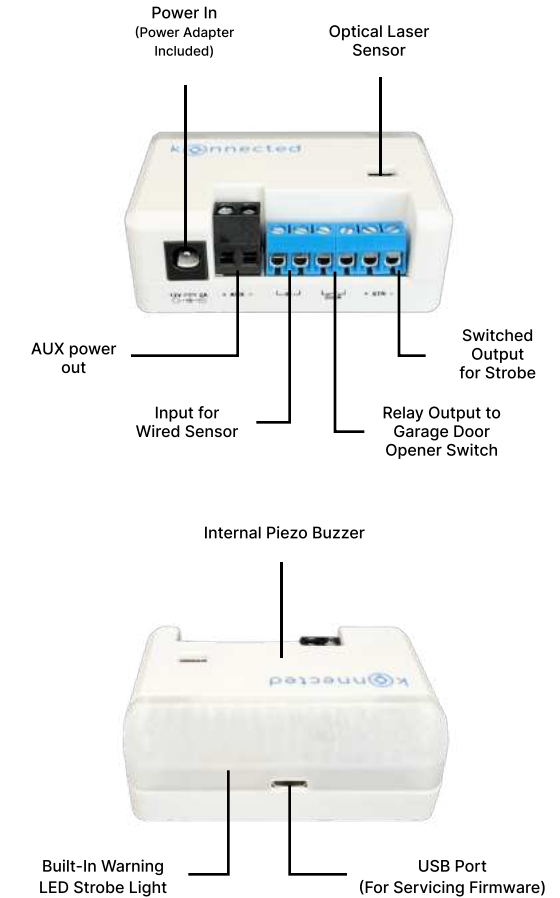
This device enables an end-user to monitor and control their garage door or motorized gate remotely over an IP network and/or the internet via a mobile app provided by Konnect-ed and/or 3rd party smart home platform or app and/or a device API. You accept that risks are associated with this and that you and/or the end-user will bear all the risks related to using Konnect-ed Products & Services. Konnect-ed, its directors, officers, agents, partners, and licensors shall not be liable to you or the end-user for any loss or damage of any kind, including but not limited to personal or bodily injury (including death or disability) or property damage resulting from the use of these Products and Services. To the maximum extent permitted by applicable law, in no event will Konnect-ed, its directors, officers, agents, suppliers, and licensors be liable to the user (whether in contract, tort (including negligence) or otherwise) for any indirect, incidental, consequential, special, punitive, or exemplary damages, including without limitation lost profits, lost business opportunities, loss of use of the service offering, loss of goodwill, business interruption, loss of data, lost savings, or other economic damage, arising out of this agreement or the use or inability to use the device, software or documentation, even if Konnect-ed or a dealer authorized by Konnect-ed had been advised of the possibility of such damages.

Privacy

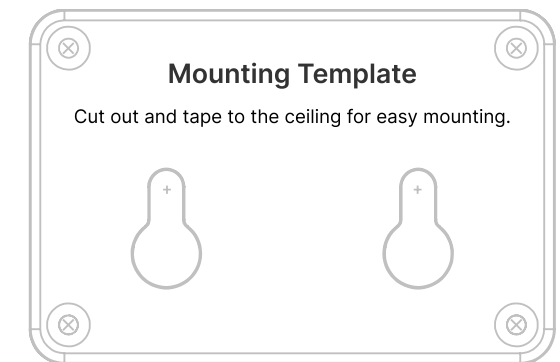
Konnect-ed values your privacy and we give you options to use our products without providing any personal information. Konnect-ed Cloud is an optional cloud service that connects your device to third-party smart home platforms. To use Konnect-ed cloud you must provide basic personal information so that we can identify your account. You can use this product without providing any personal information by opting to use local platform integrations that do not require a Konnect-ed Cloud account.

Terms of Use and Privacy Policy

Your use of the Products and Services is governed by Konnect-ed's Terms of Use and Privacy Policy, located at konnect-ed.io/terms and konnect-ed.io/privacy.



Input voltage	5-24 VDC (12V recommended)
AUX output voltage	Same as input (pass-through)
Sensor IN	For an unpowered ordinary switch, magnetic contact, or limit switch
DOOR control	Normally open dry contact relay
STR +/-	Switchable output; same as input voltage. 2A max current
Optical sensor	Eye-safe class 1 laser
USB port	Micro-USB connector



- 🔗 <https://support.konnect-ed.io>
- ✉ help@konnect-ed.io
- 🗨 <https://community.konnect-ed.io>



Proudly designed, assembled and tested in the USA from components sourced globally.