

 momentum®

**WI-FI GARAGE DOOR
CONTROLLER WITH CAMERA**



USER MANUAL

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Note: Screen shots and procedures described in this manual are subject to change without notice. The latest Momentum User Guide is always available on our website at <http://www.momentumcam.com>.

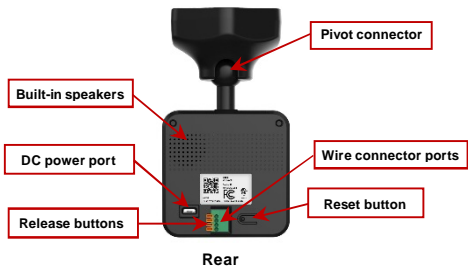
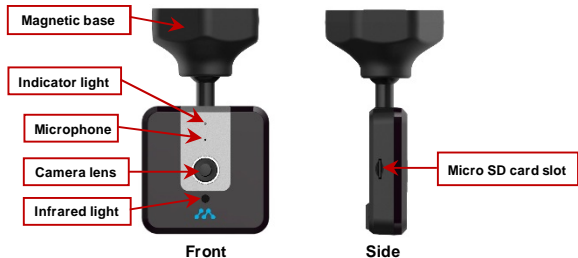
Introduction

The **Momentum Wi-Fi Garage Door Controller with Camera (GDC)** is a wireless monitoring device that can be accessed from anywhere, as long as there is an internet connection. It's great for surveillance in your garage at home and to make sure you always stay in control no matter where you are. All you need is a:

1. Compatible garage door opener
2. Wireless internet connection, and
3. Mobile device (Android or iOS)
 - *See page #6 for device requirements.*

Use your smartphone and/or tablet to use and manage the GDC and app's functions remotely.

Product Features



Garage Door Controller LED Indicators

The GDC displays an LED indicator light that lets you know what it is doing.

Solid Red Light: Device is booting up.

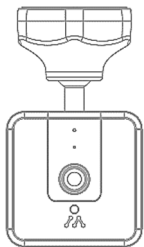
Blinking Red Light: Failed to connect to Wi-Fi.

Blinking Red & Blue Light: Ready to connect to Wi-Fi.

Blinking Blue Light: Device is connected to Wi-Fi.

Solid Blue Light: User is currently live streaming.

What's Included



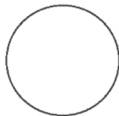
Garage Door Controller



Wires



Power Cable and Adapter



Double-sided Tape



Metal Plate

Wi-Fi Requirements

Your Momentum GDC requires a 2.4GHz or 5GHz router (802.11bg/n) for Wi-Fi connectivity. This is a standard home Wi-Fi router.

You will need your Wi-Fi name and password when pairing your mobile device and GDC.

Note: If you are using a 2.4GHz + 5 GHz dual band router, create separate SSID names for each band on your Wi-Fi router settings page. This will make it easier for you to select the 2.4GHz band for the device setup.

Mobile Device Requirements

The Momentum app requires a smart phone or tablet device that runs on **Android 5.0+ (Lollipop)** for Android devices or **iOS 8.0+** for Apple devices.

Garage Door Opener Requirements

The Momentum Garage Door Controller (GDC) is compatible with most garage door openers manufactured after 1993. However, it is not compatible with any openers utilizing Security 2.0+ or MyQ® technology. Openers with Security 2.0+ will usually have a yellow 'learn' button on it.

Download the Momentum App

Download and install the Momentum app on your mobile device.

Search for **Momentum** on the Google Play Store for Android devices, or on the Apple App Store for iOS devices. You may also scan the QR code below from your mobile device to route you directly to the app.

Make sure the app logo you download matches the one shown below.



momentum



Create an Account

If you don't already have a Momentum account, you will need to create one. To create a new account, follow these steps:

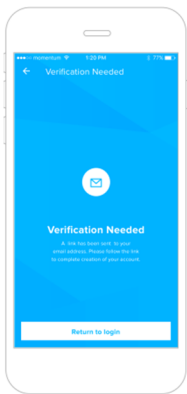
- 1) Tap on the Momentum icon to launch the **Momentum App**.



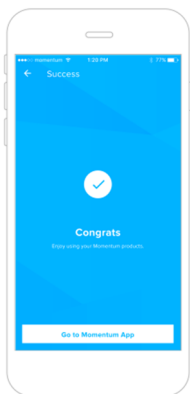
- 2) For first time account setup, select **Create Account**.



3) Enter a valid email address and a password, then select **Sign up**. You will then be sent an email with a verification link.



4) Check your email and click on the **Verification Link**. **Log in** to your newly created account through the app.



Setup

To begin using your Momentum Garage Door Controller (GDC) you will first need to pair it to your Momentum account and then connect it to your Wi-Fi network.

Pairing

IMPORTANT: Make sure your mobile device is connected to the same Wi-Fi network as the one you will be connecting the Momentum device to. (This is required just for the pairing process; feel free to disconnect your mobile device from the Wi-Fi network after pairing is complete if you wish to do so.)

1) Plug in the Garage Door Controller

- a. Connect the power cable to the back of the GDC and an outlet near your garage door opener or installation location.

2) From the Momentum app, select **Pair device**.



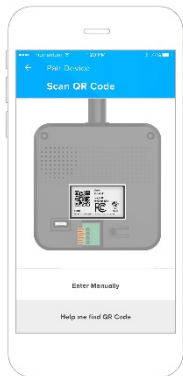
3) Select the **Momentum Garage Door Controller with Camera** device.



- 4) From here you have two pairing options to choose from: **scanning the QR code** or **manually entering the Device ID number**. (Both items are found on the back of the device.)

Scanning the QR Code (recommended):

- a. Allow the Momentum app to access the GDC on your phone when prompted. (This is necessary if you want to scan the QR code to pair your device.)
- b. To pair, locate the QR code on your device and use the app to **scan the code**. Make sure the QR code fits inside the scan box.



Entering Device ID Number

A second option is manually entering the **Device ID number** located next to the QR code.

- 5) Once your Momentum device ID is paired with your Momentum account, **enter the requested Wi-Fi credentials** to connect your Momentum device to your Wi-Fi Network.



- 6) **Enter a name** for your device and then tap the button at the bottom once you're finished. Your Momentum device has now been added to your Momentum App home screen.



Notes:

- Be sure to only connect to a network that you trust.
- The typical home router will have at least a 2.4GHz frequency band, but many will have dual bands of 2.4 / 5 GHz. If your device will be set in the same or next room as your router, we recommend to connect on the 5GHz band frequency if available as this will give you a faster connection for streaming. If your device is more than a few rooms away, we recommend connecting with the 2.4GHz band as it has a better signal strength at longer ranges.

Garage Door Controller (GDC) Installation

Before installing the GDC to your garage door opener, make sure you prepare the following:

- A screwdriver (if needed)
- A stepladder
- An open outlet near your setup location
- Reliable Wi-Fi network
- A compatible mobile device
- All items included in the box
- Compatible garage door opener

WARNING

Mounting and connecting the Garage Door Controller may require another person's help as you will most likely need to use a stepladder to setup the device. Please be safe and cautious during installation to avoid injury.

Step 1: Mount the Garage Door Controller

The GDC should be set up properly so that it's hanging from the bottom of your garage door opener unit.

IMPORTANT: Make sure to first clean the area you'll be mounting the camera, and be sure to dry off the area before applying the adhesive sticker.



Method 1: Sticker Only



Method 2: Metal Plate with Sticker

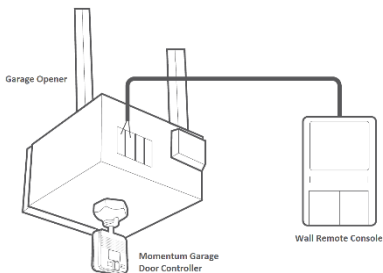
Method 1: Sticker Only

- Stick one side of the adhesive sticker to the bottom of the camera mount base, then stick the base of the unit to mounting area.

Method 2: Metal plate with sticker

- Stick one side of the adhesive sticker to one side of the metal plate. Then stick the other adhesive side to the mounting area of your garage door opener. You can then magnetically attach the GDC's mount base to the magnetic plate.

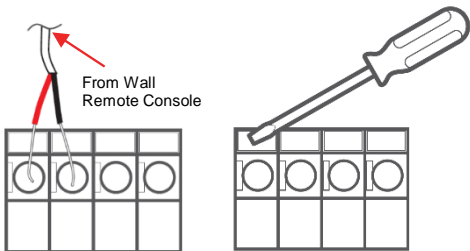
Step 2: Connect Wires to the Garage Opener



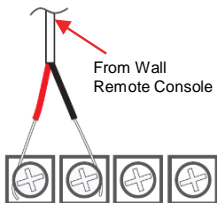
- Unplug your garage opener. This is to prevent your garage door from involuntarily opening/closing during the next few steps.
- Locate your garage wall remote console. You should see some wires that come out of it that lead all the way to terminals on the back of your garage opener.

Note: It is very important that you choose the correct wires in the garage opener's terminals. If you're unsure, refer to your garage opener's owner's manual for clarification.

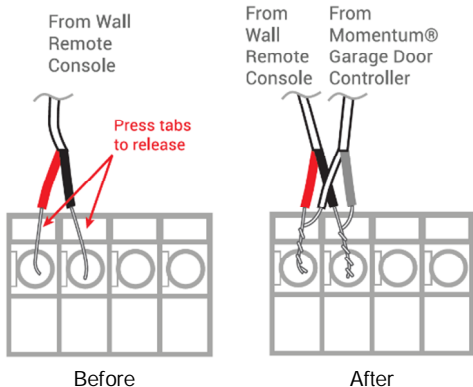
Most garage opener connection ports will look like the images below.



- For this type of terminal, use a flat head screwdriver or a similar tool to press the tab to release the wires from the terminals as shown above.



- For a screw type terminal, use a Philips screwdriver to loosen the screws.



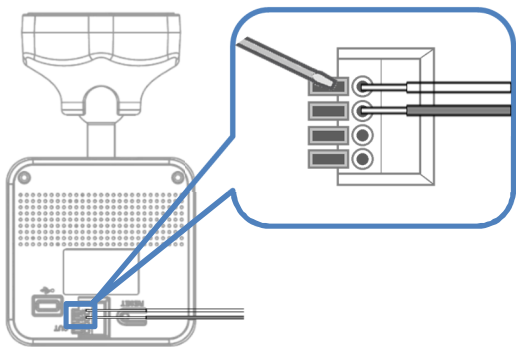
- Connect the Momentum Garage Door Controller's wires into the same wire terminals as your wall remote console. The process may vary between different garage opener models.

Notes:

- Twisting the wires together for each terminal will help for a better connection, however make sure the **wall console wires** go into their original terminals.
- The provided wires for the GDC are neutral, so it doesn't matter which wire goes into which terminal.

Step 3: Connect Wires to the Garage Door Controller

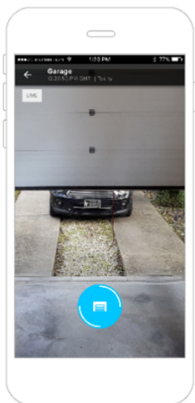
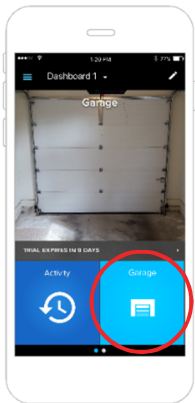
- Connect the other end of the provided wires to the first two terminals on the back of the GDC.
- Use a flat head screwdriver to press down the tabs to release the terminals.



Note: The Momentum Garage Door Controller (GDC) is capable of being connected to **two garage door openers**. If you have a second garage door opener you want to connect the GDC to, follow the same process as the first and **connect the wires to the 3rd and 4th terminals** on the back of the GDC.

Step 4: Test the Controls

- Plug back in your garage opener and open the Momentum App. Select the blue Garage tile to access the garage door control screen.
- In this screen, you will get a live view of the state of your garage. Tap the blue button at the bottom to control the state of your garage door.
- Once you've confirmed the controls are working, your setup is finally complete!



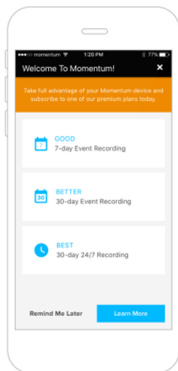
Storage Options

Your Momentum Garage Door Controller (GDC) can save your recorded videos or pictures through the **Momentum Capture Cloud Storage** subscription plan or with your own **micro-SD card** inserted into the device.

Momentum Capture Cloud Storage

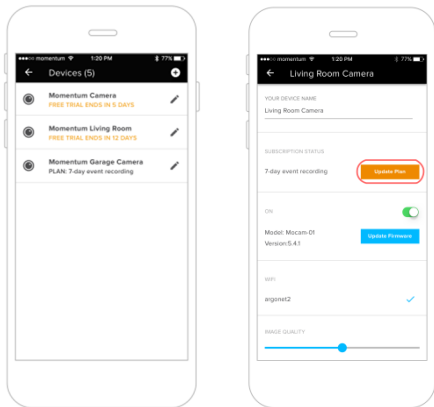
After you pair a Momentum device to your Momentum account, you will be given the opportunity to sign up for a **Momentum Capture** cloud storage subscription that will allow you to store recorded pictures and videos taken by your GDC.

If you wish to purchase a subscription plan, select one of the provided options that meets your needs and complete the transaction using your credit card.



If you don't subscribe to a **Momentum Capture** plan after you first pair your device, you always have the option to do it later. During your free trial period, you can sign up by selecting the free trial expiration banner on the device tile in your dashboard. After your free trial expires, you can select the device you want to keep the subscription plan for from the **Devices** section of the main app menu.

You may also **update your plan** at any time through the **Device Settings** menu.



Micro-SD Card Storage

If you'd prefer not to use a cloud based storage subscription plan, you can opt to use your own micro-SD card (up to 128GB) instead.

Unplug the camera, then insert the micro-SD card into the GDC's micro-SD slot on the side of the device. After plugging the cord back in, the app will automatically record events and photos you take directly into the micro-SD card.

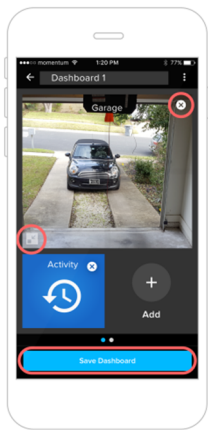
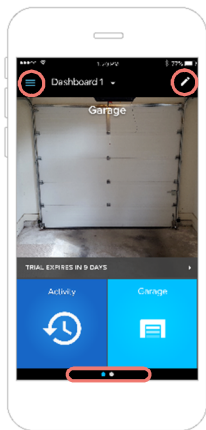
Once the memory capacity has been reached on the card, the new recording will loop over and begin to overwrite the earliest saved recordings.



Micro-SD Card Slot
(up to 128GB max)

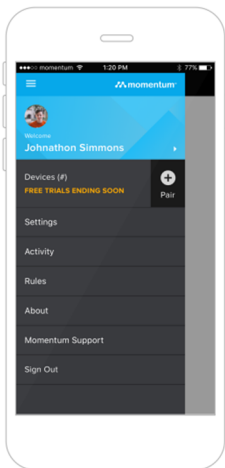
Your Dashboard

Your dashboard is your app's home screen where you can view and access your paired devices. You can rearrange the **Tiles** on your dashboard by tapping the **Pencil** icon in the top right corner of the app. You can also make some device tiles larger or smaller when editing your dashboard. Be sure to tap the **Save Dashboard** button at the bottom when you are finished editing.



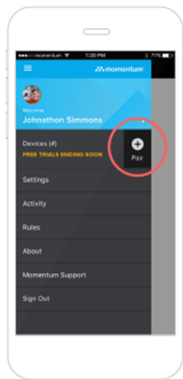
Main Menu

Click the **Menu** icon at any time while in your dashboard to access the menu. Here you will find your account information, device settings, activity, rules settings, and support info.



Pairing additional Momentum Devices

To pair additional Momentum devices, select **Pair** in the Devices section of the app menu and repeat steps 1-5 that were used in pairing your initial Momentum device.



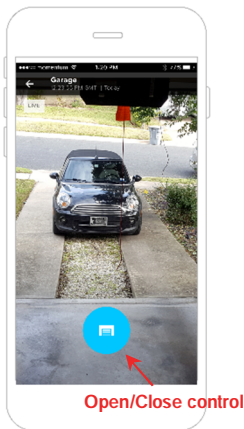
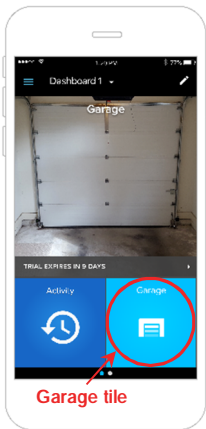
Pairing additional Non-Momentum Devices

You can use your Momentum app is also compatible to control a Nest™ Learning Thermostat. To pair your Nest thermostat, select **Pair** in the Devices section of the app menu and select the non-Momentum device you wish to pair. Simply follow the in-app instructions for pairing that device with your Momentum app.

Garage Controls

After pairing your Momentum Garage Door Controller (GDC), a **Garage tile** will be added to your dashboard.

To open or close your garage door, tap the Garage tile on your dashboard to access the controller. Here you will also see a live video from your camera so you can confirm whether your garage door is open or closed prior to pressing the **controller button**.



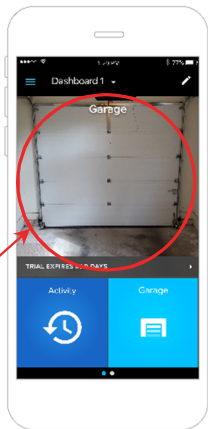
Pressing the controller button will signal your garage to change the position of the door. As this action happens, you will be able to watch your garage door open or close in the background screen.

Note: The controller button will be inactive during opening/closing transition.

Camera Functions

Your Momentum Wi-Fi Garage Door Controller (GDC) has several functions you can control through the Momentum app. To enter the camera controls, select the **camera tile** from the dashboard.

Camera tile



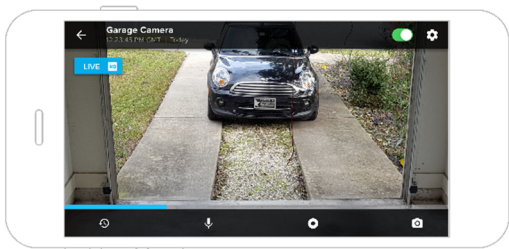
Watching Live Video

To view live video stream, first select the **Camera tile**.

Rotate your mobile device to view in either portrait mode or landscape mode.

In **portrait mode** you can use your fingers to pan around the video feed. **Landscape mode** will display the video in full screen mode. You may use your fingers to pinch to zoom in on the video as well.

Note: You do not need a micro-SD memory card nor a cloud storage subscription for live video streaming.



Taking Photos

Tap the **Camera** icon to save a screenshot while watching live video.

To save images taken from your Momentum GDC, you must either have a:

1. **Micro-SD card** inserted into the camera, or
2. **Cloud storage subscription** for the specific device through the Momentum app.

Recording Videos

Tap the **Record Video** icon to start recording.

Tap the **Record Video** icon again to stop recording.

To save you must either have a:

1. **Micro-SD card** inserted into the camera.
2. **Momentum Capture** cloud storage subscription.

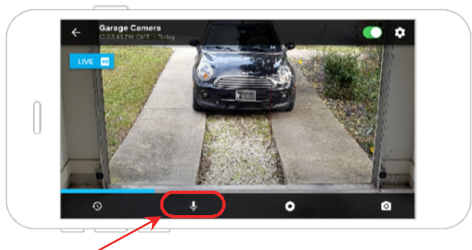


Audio Functions

You can engage in two-way conversations while you're in the GDC's live video stream option. Note that the audio will only go through one source (GDC or app) at a time.

To speak through the app to the GDC, tap on the **Microphone** icon. You must tap on the icon again to de-select it to begin hearing the GDC's side again.

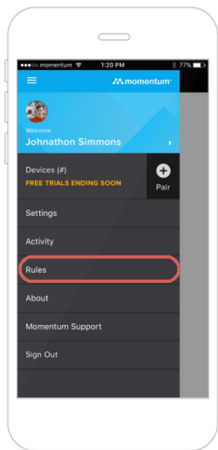
To only listen through the GDC's audio, make sure the **Microphone** icon is de-selected.



Microphone Button

Setting up Rules

Your Momentum Garage Door Controller (GDC) will record video when rules have been set through the Momentum App. **Rules** allow your device to activate and monitor your garage space while you are not watching the live stream. Set **triggers** to have your GDC activate under certain conditions.



Triggers

You can set a trigger for the GDC to have it start automatically recording after detection motion.

For example:

To record videos when your garage door is opened or closed, set your trigger to record when **Motion is detected**.

Adding a New Rule

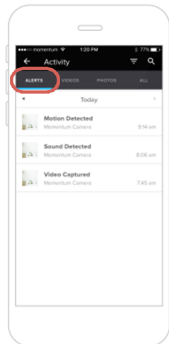
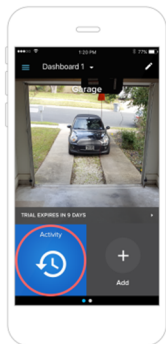
Add the days of the week and times of the days you want this rule to be set in place. The trigger you have chosen will then set off an action of your choosing, such as **Take video clip** with the device you have selected.

Mobile Alerts

Once you have created a **Rule** set to your chosen parameters, you will receive a notification alert to your mobile device if an event is triggered.

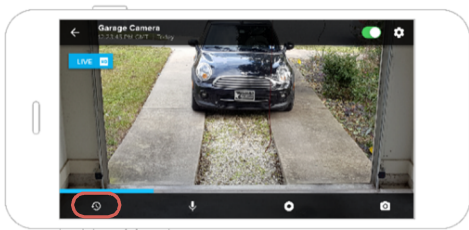
If you'd like to stop receiving alerts, you must turn it off from your mobile device's notification settings for the Momentum App, or turn off the **Rules** or **Triggers** directly from the Momentum App.

You may also view all of your previous alerts by tapping the **Activity** tile on your Dashboard.

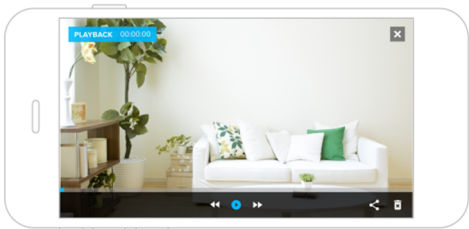


Viewing Recorded Photos and Videos

On the Home screen, tap the **Activity** tile to view recorded videos, captured photos, or alerts for a specific day. You can also access the activity list from the live camera view.



When you select a video in your activity list, it will begin playing back automatically. To rewind or fast forward, tap the video to reveal the video playback controls.



Saving and Deleting Recordings

If you have purchased a cloud subscription and set up a rule for recordings, footage of those recordings will be automatically saved onto the cloud for the predetermined time, depending on which plan you have purchased.

If you have inserted your own micro-SD card and set up a rule for recordings, footage of those recordings will be saved on the micro-SD card until the storage becomes full and loops back over to record over your previous recordings.

However, if you'd like to save your cloud or micro-SD card recordings to your mobile device's local storage, you can do so while you're viewing the specific recording. Press the 'save' button at the bottom right corner to save a copy of the footage onto your mobile device's local storage.

You may also delete the recording permanently off your cloud storage or micro-SD card by tapping the 'delete' icon at the top right corner of the screen while viewing the recording.

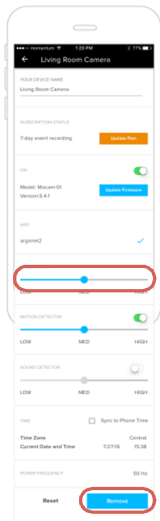
Device Settings

Under the Menu tab, you will find **Device Settings**. Here you can change your device's name, check on the device's Cloud subscription status, update the firmware, and make adjustments to the camera's image-quality, motion detection and sound detection levels.

Use the slide bar to adjust the image-quality, motion detector and sound detector to your liking.

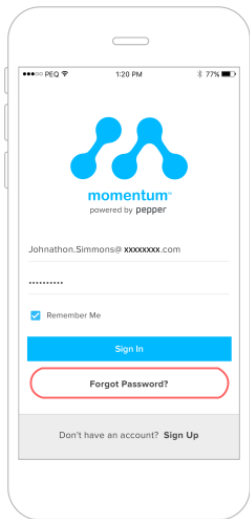
Deleting Devices

If you'd like to remove a device from your account, go to **Device Settings** in the **Menu** and tap the **Remove** icon for the device you wish to remove.



Restoring Forgotten Passwords

If you've forgotten your login password, tap on the **Forgot Password** button at the sign in page. You will receive an email with instructions to guide you through the rest of the way.



Resetting the Device

If your Garage Door Controller is having connection issues, most of the time a reset will fix the issue.

1. To reset your Momentum GDC, hold the reset button on the back of the device for 7 seconds. During the reset sequence, the LED indicator light on the front of the device will first display a solid red, blinking red, then finally blinking red and blue.
2. The GDC will then be ready to connect to the Wi-Fi again. A blinking blue light indicates the camera has successfully connected to the Wi-Fi.



Troubleshooting

Assistance is available both in the app and on the Momentum website.

- To access the most current version of the user's manual, tap the **Menu** icon to launch the screen with a menu bar and tap **Support**.
- For further assistance, go to <https://www.momentumcam.com/help/>

About Momentum

Momentum provides an easy-to-setup home security camera that connects to your smart phone or tablet giving you real-time video streaming and two-way voice communication – anywhere, anytime. Momentum subscribers also have access to IOT cloud-based storage for camera-captured videos from a user-friendly mobile app. Whether you want to check on your babysitter, are wondering what your pets are doing, or are leaving for vacation, you'll always have an eye in your home with Momentum.

For more information, please visit
www.momentumcam.com or contact us at
help@momentumcam.com.

FCC 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.

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