momentum®

Niro
USER MANUAL

Contents

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 **Niro™** is a remote garage door controller and wireless monitoring device that can be accessed from anywhere where you have 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 Niro's functions remotely.

Product Features

Magnetic base

Indicator light

Microphone

Camera lens

Infrared light

Front

Micro SD card slot

Side

Pivot connector

Built-in speakers

DC power port

Release buttons

Wire connector ports

Reset button

Rear
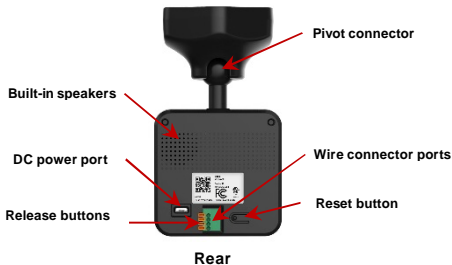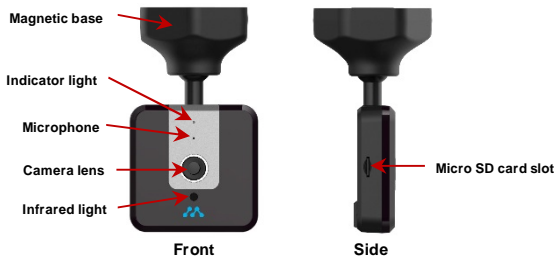
Niro LED Indicators

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

Solid Red Light: Camera is booting up.

Slow Blinking Red Light: Disconnected from Wi-Fi.

Double Blinking Blue Light: Ready to connect to Wi-Fi.

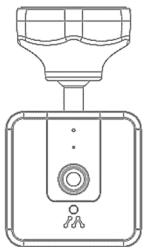**Blinking Blue Light:** Niro is connected to Wi-Fi.

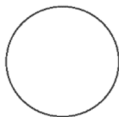**Solid Blue Light:** User is currently live streaming.

What's Included

Niro

Wires

Double-sided Tape

Power Cable and Adapter

Metal Plate

Wi-Fi Requirements

Niro 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 or 5GHz band for the device setup.

Mobile Device Requirements

The Momentum app requires a smart phone or tablet device that runs on Android or iOS. Please see the in-app description for device compatibility for the most up-to-date info.

Garage Door Opener Requirements

Niro 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 the in-app instructions.

Setup

To begin using your Momentum Niro™ you will first need to pair it to your Momentum account and then connect it to your Wi-Fi network.

Note: Pairing process has been changed from earlier models. If you have trouble during this process, please contact the Momentum customer service.

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.

1) Power on Niro

Once your Niro has been powered on, it should already be put into pairing mode. There will also be a sound played to notify you that it's in pairing mode as well.

- If it's not in pairing mode, you will need to hold the reset button for 10 seconds. You should hear a sound play that the camera is ready to connect.

2) Open the app and select Niro.

From the Momentum app, select **Pair device**, then select **Momentum Niro Garage Door Controller**.

3) Connect to Niro's Wi-Fi access point.

When prompted in the app, go to your mobile device's Wi-Fi settings. You should see a Wi-Fi network option for "**MOGA-001**". Tap the "**MOGA-001**" network to connect, then return to the Momentum app again.

Note: If you're using an Android device and cannot proceed to the next step, you may need to set the Niro Wi-Fi network to "automatically connect" or confirm the connection again from the android notification pop-up the comes up after attempting to connect to the Niro Wi-Fi network.

4) Enter Wi-Fi credentials.

Your Wi-Fi network will automatically be detected. Enter in the password (if any) for the Wi-Fi network.

5) Name your device.

Select from the provided list of names or create a custom name for your new camera. Once you've finished naming your device, you may proceed to the installation and wiring instructions.

Niro Installation

Before installing Niro 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 Niro 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 Niro

Niro 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.
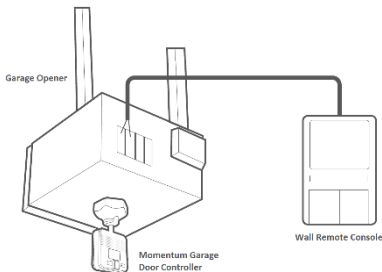

Method 1: Sticker Only

**Method 2: Metal Plate with Sticker**
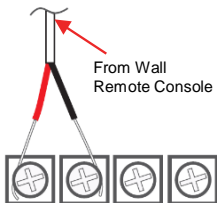
Step 2: Connect Wires to the Garage Opener

- 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.
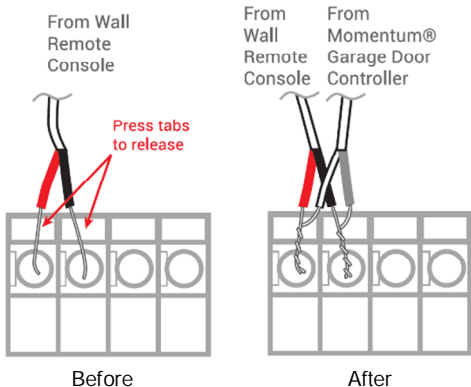
Most garage opener connection ports will look like the images below.
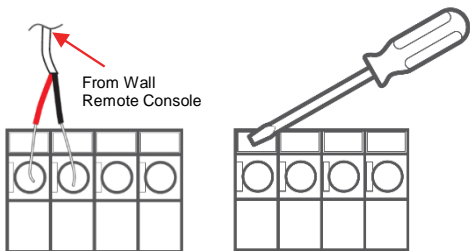
- For this type of terminal, use a flat head screwdriver or a similar tool to press the tab to release the wires from the terminals as shown above.

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

From Wall Remote Console

From Wall Remote Console

From Momentum® Garage Door Controller

Press tabs to release

Before

After

- Connect the provided wires from Niro's box 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 back into their original terminals.
- The provided wires for Niro are neutral, so it doesn't matter which wire goes into which terminal.

Step 3: Connect Wires to Niro

- Connect the other end of the provided wires to the first two terminals on the back of Niro.
- Use a flat head screwdriver to press down the tabs to release the terminals.
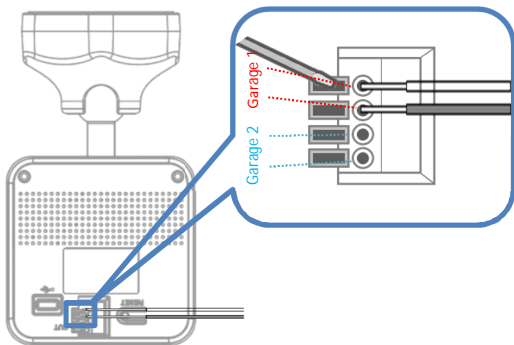
Note: Niro is capable of being connected to **two garage door openers**. If you have a second garage door opener you want to connect to Niro, follow the same process as the first and **connect the wires to the 3rd and 4th terminals** on the back of the Niro device.

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 complete!
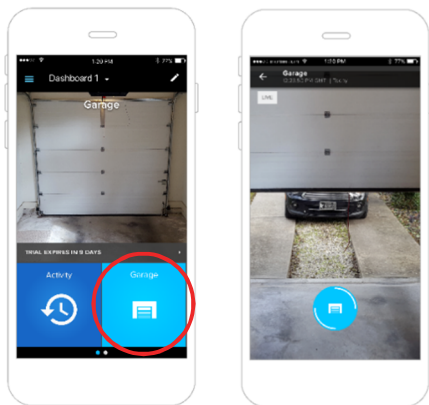
Pairing additional Momentum Devices

To pair additional Momentum devices, select **Pair Device** in 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.

Setting up Rules

Your Niro camera will record video when rules have been set through the Momentum App. **Rules** allow your device to activate and monitor the area while you are not watching the live stream. Set **triggers** to have your Niro activate under certain conditions.

Note: You must have a Momentum Capture Cloud Storage subscription or a micro-SD card to record videos and photos.

Triggers

You can set a trigger for Niro to have it start automatically recording after detecting motion.

Adding a New Rule

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

Note: Scheduled times cannot carry over past midnight. (i.e. cannot schedule 9PM-1AM. Must schedule two different times: 9PM-11:59PM; 12AM-1AM)

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 delete the Rule or you can turn it off from your mobile device's notification settings for the Momentum App.

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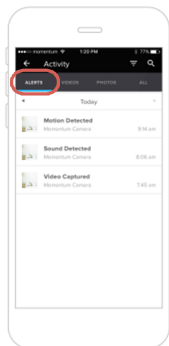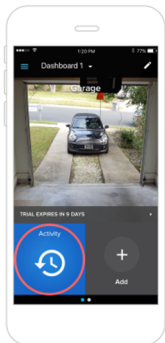
Storage Options

Niro 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. The micro-SD card slot can be found on the side of the camera device. *(see pg. 5).*

Momentum Capture Cloud Storage

After you initially pair a Momentum device to your Momentum account, you will be provided FREE cloud recordings that last for 24hrs. The **Momentum Capture** cloud storage subscription will allow you to store recorded pictures and videos taken by your Niro camera.

If you wish to continue the cloud service after the trial service has expired, you may purchase and manage your subscription plans by logging into your Momentum account at **momentumcam.com**.

Micro-SD Card Storage

You also have the option to use your own micro-SD card (up to 128GB) instead for back-up storage.

Insert the micro-SD card into Niro's micro-SD slot on the side of the camera. The camera will automatically record events and camera photos you take directly into the micro-SD card as back-up storage.

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

To access the back-up micro-SD card recordings, go to the camera's settings and select "**View Camera Backup**".

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.
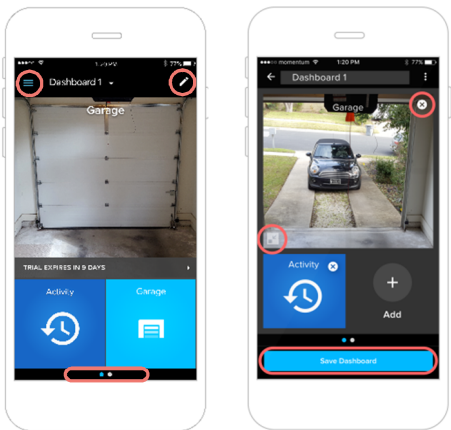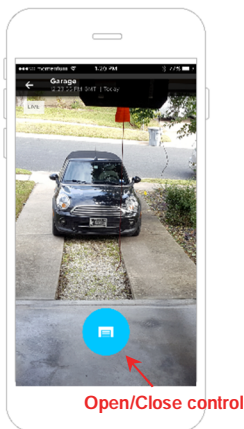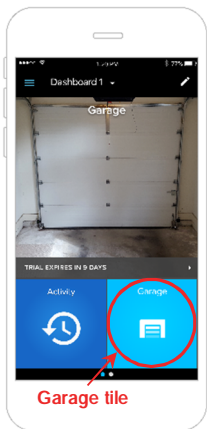
Garage Controls

After pairing your Momentum Niro™, 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 Niro camera so you can confirm whether your garage door is open or closed prior to pressing the **controller button**.

Garage tile

Open/Close control

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.

Camera Functions

Niro has several functions you can control through the Momentum app. To enter the camera controls, select the **camera tile** from the dashboard.


Camera tile
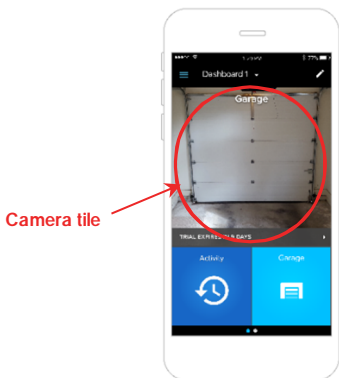
Watching Live Video

To view live video stream, first select the camera you would like to view. 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 or a cloud storage subscription for live video streaming.)
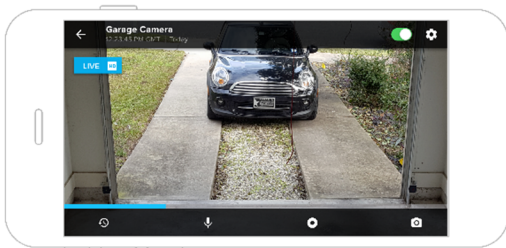
Taking Photos

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

To save images taken from your Niro 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. The video will record based on a 20 second clip.

To save you must either have a:

1. **Micro-SD card** inserted into the camera.
2. **Momentum Capture** cloud storage subscription.
3.
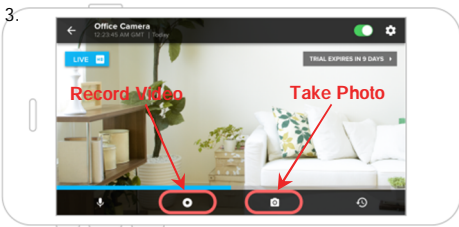
Audio Functions

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

To speak through the app to Niro's speakers, tap on the **Microphone** icon. You must tap on the icon again to de-select it to begin hearing Niro's side again.
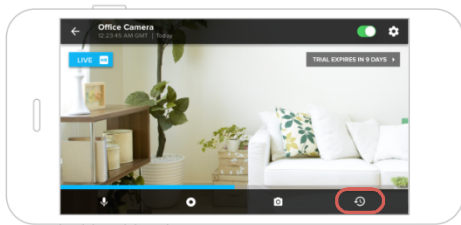
To only listen through Niro's audio, make sure the **Microphone** icon is de-selected.
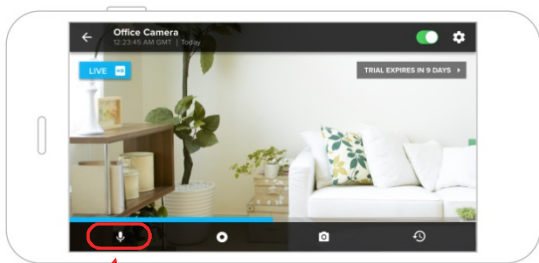
Microphone Button

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.

For back-up micro-SD card recordings, you may access them from the camera settings and selecting the "**View Camera Backup**" button *(see pg.23)*.

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 swiping left on the recording on the activity list page and pressing the "Delete" button.

Device Settings

Under the Menu tab, you will find **My Devices**. Here you can change your device's name, check on the device's Cloud subscription status, update the firmware, and adjust 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, tap the **Menu** and go to **My Devices**. Select the specific device and tap **Remove Device** at the bottom of the screen.

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.
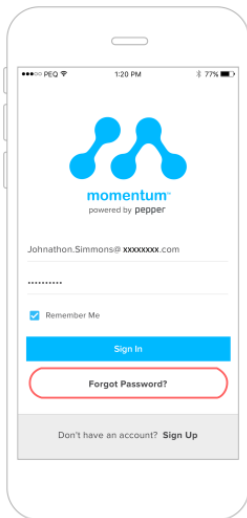
Resetting the Camera

If your camera is having connection issues, try these steps to correct the issue.

Power cycle the Camera

1. Unplug the camera, wait 10 seconds, then plug it back in. If it still does not fix the issue, trying resetting the camera.

Reset the Camera

1. To reset your Momentum device, hold the **Reset** button on the back of the camera for about 10 seconds. During the reset sequence, the LED indicator light on the front of the camera will first display a solid red, then double blinking blue.

2. You will then need to re-pair the camera again. Follow the same initial pairing process (see pg. 10).

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.support.momentumcam.com.

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.