Essential Outdoor Camera
2nd Generation

User Manual

- Essential Outdoor Camera
- Essential XL Outdoor Camera



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1. Get to Know Your Essential Camera 2nd Generation

There are four Arlo Essential Outdoor cameras (2nd Generation):

- **Essential Outdoor Camera 2K (VMC3050)**
- **Essential XL Outdoor Camera 2K (VMC3052)**
- **Essential Outdoor Camera HD (VMC2050)**
- **Essential XL Outdoor Camera HD (VMC2052)**

Get the Arlo Secure App

Download the Arlo Secure App. The Arlo Secure App lets you create an Arlo account in the cloud and set up and manage all your Arlo devices. You can either search for it in your phone's app store or scan the QR code below to download or update your Arlo Secure App.

Download on the App Store

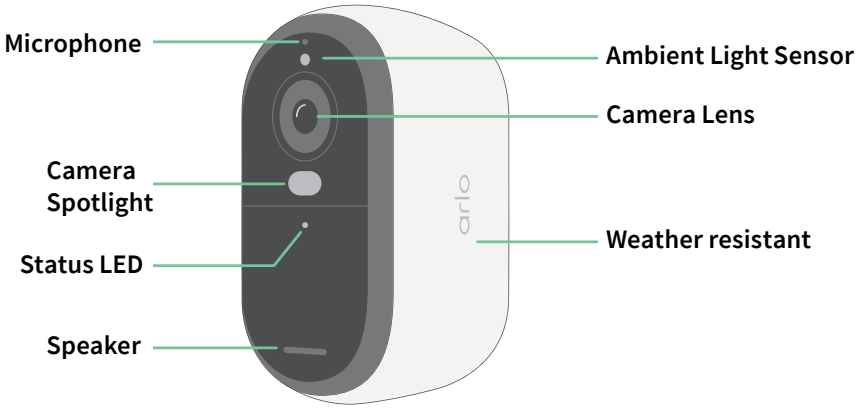
GET IT ON Google Play

Note: If you already use the Arlo Secure App, make sure that you're using the latest version. To find out if an update is available, go to the app store and search for Arlo Secure.

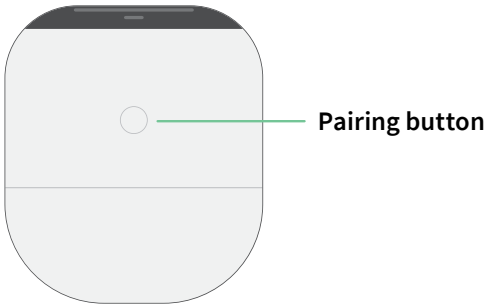
Meet your Essential Outdoor Camera

Your camera includes an integrated battery that can't be removed.

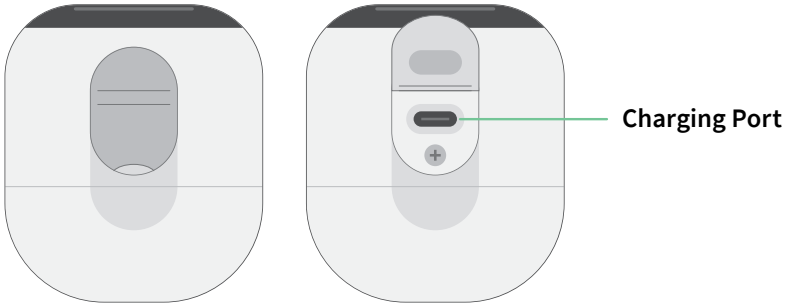
Front view



Top view



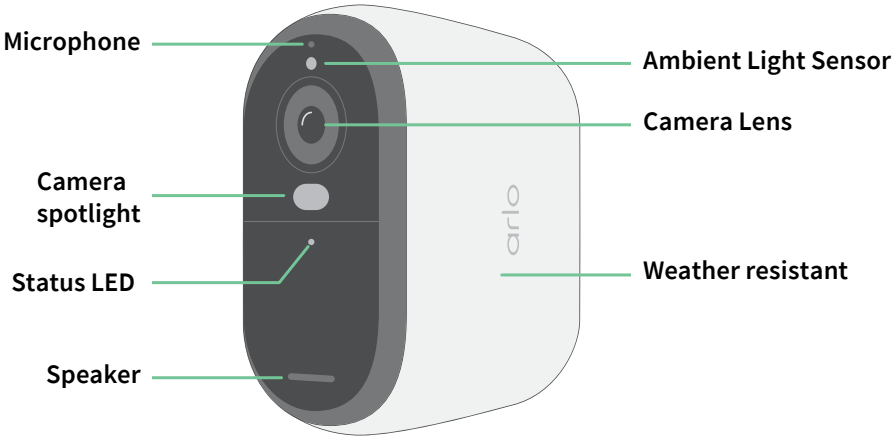
Bottom view



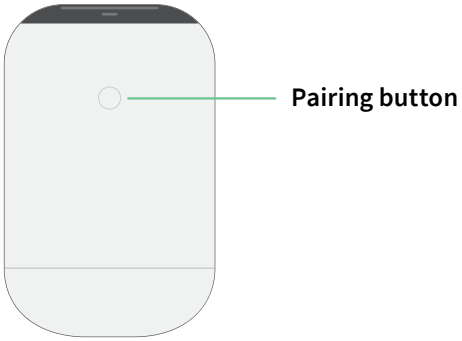
Meet your Essential XL Outdoor Camera

Your camera includes an integrated battery that can't be removed.

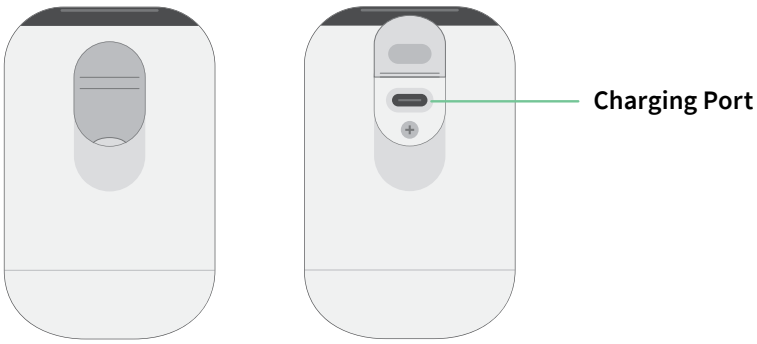
Front view



Top view



Bottom view



Features

- **Capture clear details in full high-definition**. Record video in 2K or HD for clear, crisp imagery.
- **Designed to withstand heat, cold, rain, or sun**. Camera can be used indoors or out.
- **Receive alerts when motion is detected**. Notifications are sent directly to your phone.
- **See visitors at night**. All camera models have infrared night vision. They include an integrated spotlight that lets you see color night vision.
- **Color Night Vision.** See what's happening in your yard or around your business, even without a light.
- **Integrated Spotlight.** Shine a light on your yard or ward off unwelcome guests
- **Clearly hear and speak with visitors**. Tap a button in the app to use 2-Way Audio.
- **Easily recharge your camera**. Connect the included power cable to the camera.
- **Use the built-in siren to deter unwanted guests**. Siren can be triggered remotely or automatically during an event.
- **Keep an eye on what matters with a wide field of view**. 130° viewing angle lets you see more.
- **Security in the palm of your hand**. Watch live streams or recorded video from your smartphone or tablet using the Arlo app.
- **Take action faster**. Get notifications from your camera with Arlo Secure.[1]

Do more with Arlo

You can add these options, which are sold separately:

- **Add more Arlo cameras and devices**. Cover more areas in and around your home by adding cameras, home security system, doorbell, floodlights, and more.
- **Upgrade your Arlo subscription**. For more information, visit *What are the available Arlo subscription plans and how much cloud recording is available?*

1 This Arlo Secure feature may require a paid subscription after the trial period, and some Arlo Secure services may be unavailable in certain regions. For current information on features that need a paid subscription, visit. *www.arlo.com/ArloSecure*.

2. Get Started

Charge your camera indoors

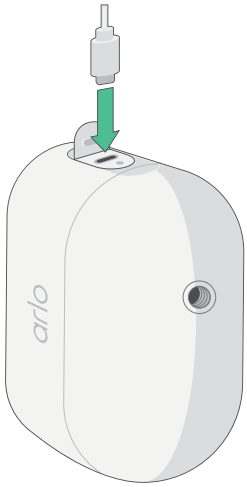
A USB-C charging cable comes in the box with your camera. This cable is for indoor use only. The camera includes an integrated battery that can’t be removed. Your camera comes partially charged.

To charge your camera:

1. Open the cover for the USB-C charging port on your camera.



2. Connect the USB-C charging cable to your camera.



3. Connect the other end of the charging cable to a USB charging source such as a USB charging port or an AC power adapter.
   The battery charges automatically. The camera LED lights solid blue when the camera is fully charged.

Download the Arlo Secure App for installation and setup

The free Arlo Secure App helps you complete setup and guides you through the installation process.

Open the Arlo Secure App and connect to your Wi-Fi network. If you don't have the app, you can download it and create your Arlo account.

Once you set up your Arlo account, you can access it from the Arlo Secure App on a smartphone or tablet, or from a computer using a web browser. If you're using a computer, enter *https://my.arlo.com/#/login* in the address bar of the browser.

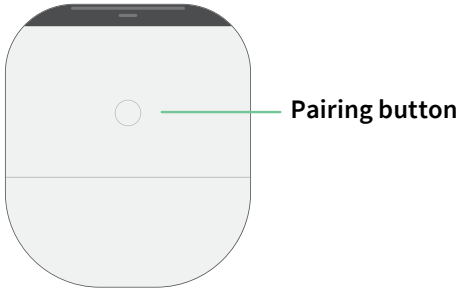
Onboarding your camera with the Arlo Secure App

1. Make sure your phone is connected to your Wi-Fi network and ensure your phone's Bluetooth is on.
2. Open the Arlo Secure App.
3. Select Device from the bottom bar of your app, tap the **Plus** icon ⊕ at the upper right corner, select **Cameras, Essential Series, Essential Cameras 2nd Generation**.
4. Press the pairing button of your camera for 3 seconds.
   When your camera is ready to connect, the LED will flash blue.
5. Select a 2.4GHz Wi-Fi network.
6. Enter the Wi-Fi password and wait for it to be verified.
7. Enter a name for your camera and select **Continue**.
8. Your camera will check for firmware updates.
9. The Arlo Secure App will then guide you through camera placement and mounting.

   Your camera is now onboarded!

Use the pairing button to wake up the camera

The button on the top of your camera is the pairing button. You can use the pairing button for different purposes, depending on whether your camera is shut down or in normal operating mode.



When you unbox your camera, it is shut down to reduce battery usage before installation. We recommend that you follow the instructions in the Arlo Secure App to wake and install the camera. When the camera is shut down, pressing the pairing button does the following:

- **Press and hold the pairing button for 3 seconds.** The camera wakes and the LED flashes blue for two minutes. Follow the instructions in the Arlo Secure App to add your camera to your Arlo account.
- **Quick press.** No change. The camera remains shut down.

If the LED doesn't flash, no matter how long you press the pairing button, the camera battery is likely at 0% charge. Recharge your camera and try pressing the **pair**ing button again.

Check the LED

The LED on the camera lights up when the camera is powered on. The LED changes color and blinks depending on the camera's charge level and to indicate the status of activities such as pairing the camera and updating the camera firmware.

- **Slow blinking blue**. The camera is in the process of pairing to a Wi-Fi network.
- **Fast blinking blue**. The camera paired with a Wi-Fi network and connected.
- **Blinking amber**. The camera is out of range, a connection error occurred during pairing, or the camera battery charge is low (15% or less).
- **Alternating blue and amber**. A firmware update is in process.

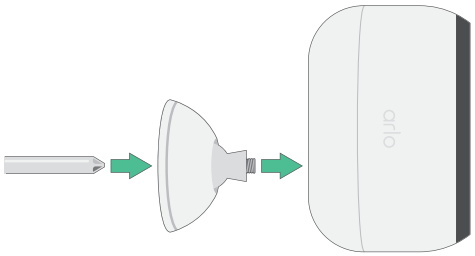
Find a good location for your camera

Select a location for your camera with a clear vantage point to fully optimize the wide field of view. For the best experience, choose a location with a strong Wi-Fi signal. You can check the Wi-Fi signal strength in the Arlo Secure App. For information about Wi-Fi connections, see *3. Wi-Fi Setup and Connections on page 14*.

Wall mount your camera

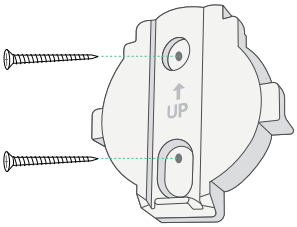
Your camera comes with a mount, wall plate, and a screw kit.

1. Attach the camera to the mount by using a Philips screwdriver. Screw the screw into mount into the camera while the mount's arrow is facing in a 12 o'clock position like the image below.

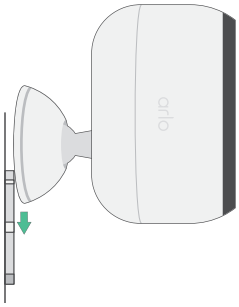


Note: The camera has one mounting hole at the back of the camera by the charging port.

2. Place the wall plate on the wall and secure it with screws. If you're mounting the camera on drywall, use the drywall anchors we provide. The arrows on the plate should be pointed upwards.



3. Once the wall plate is secure, attach the camera to the mount by sliding the camera base down until you hear an audible click. Make sure both arrows are aligned and pointing upwards.



Note: You can adjust the camera angle by firmly gripping the camera and moving it to capture the correct area.

Test motion detection

You can use the motion detection test to find the right motion sensitivity setting for your camera.

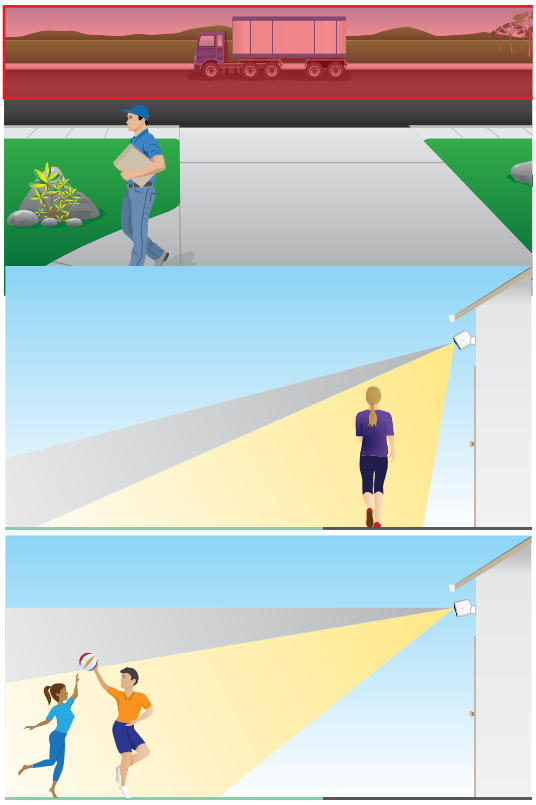
1. Open the Arlo Secure App.
2. Tap **Devices** and select your camera.
3. Tap **the Device Settings** icon on the top right corner of the screen.
4. Tap **Default Mode Settings** > **Motion Detection Test**.
5. Move in front of the camera. During this test, the LED blinks amber when motion is detected.
6. Move the slider to adjust the motion sensitivity level as needed.

   This motion sensitivity setting is used during the motion detection test. It is not automatically applied to the camera rules used by modes to arm your camera. When you are satisfied with a particular motion sensitivity level in the test, note the setting so that you can add it to your rules.
7. Edit the rule for your camera to enter the motion sensitivity level that you want to use.

Position your camera to detect motion in specific areas

You can mount and aim your camera in different ways to optimize the camera's ability to detect motion in specific areas. The lower two-thirds of the camera's field of view is the motion-sensitive part of the image. Aim the camera so that any motion you wish to detect appears within this part of the image.

If you want to monitor motion closer to the camera, such as visitors to your front door, mount the camera at least 6.5 feet (1.9 meters) high and aim it so that visitors appear in the lower two-thirds of the image. This angle works well to avoid motion alerts for movement in the top third of the image, such as vehicles driving by.



To monitor motion occurring farther away, such as children playing on a lawn, aim the camera higher to frame the area within the lower two-thirds of the image.

It's best to position the camera so that motion is moving from side-to-side across its field of view rather than directly toward or away from the camera. Also, though the camera can detect motion up to 23 feet (7 meters) away, the best area for motion detection is 5 to 20 feet (1.5 to 6 meters) from the camera position.

3. Wi-Fi Setup and Connections

When you install and set up your camera, the Arlo Secure App guides you through the process of connecting the camera to your router's 2.4 GHz Wi-Fi network.

Tips for optimal Wi-Fi performance

The distance between Wi-Fi devices can affect the Wi-Fi signal:

- **Maximum recommended distance**. We recommend that you place your camera within 300 feet (90 meters) of your Wi-Fi router. The maximum line-of-sight range of 300 feet is reduced by each wall, ceiling, or other major obstruction between the camera and the router.
- **Minimum recommended distance**. To reduce Wi-Fi interference, allow at least 6½ feet (2 meters) between your camera and any Arlo cameras that you install.

These materials can reduce Wi-Fi signal strength if they are located between Wi-Fi devices:

- Unusually thick walls and ceilings
- Brick
- Concrete
- Stone
- Ceramic
- Glass, especially mirrors
- Metal
- Large quantities of water, such as the water in a fish tank or water heater

Connect your mobile device to a 2.4 GHz Wi-Fi network during setup

Find your 2.4 GHz Wi-Fi network name and password

If you're not sure about how to find the 2.4 GHz Wi-Fi network:

- Look on your Wi-Fi router label.
  Many routers have a label that shows the Wi-Fi network name, which is also called an SSID. Your 2.4 GHz network name might have a 2, 2.4, or 2G at the end. Your 5 GHz network name might have a 5 or 5G at the end. If you changed your Wi-Fi settings, then check the place where you saved your custom settings.
- If your Wi-Fi network name or SSID doesn't indicate whether it's 2.4 GHz or 5 GHz, ask your Internet service provider (ISP) or the person who set up your Wi-Fi router.
- If you have a mesh Wi-Fi network, it uses only one Wi-Fi network name for both Wi-Fi bands. The camera finds and connects to the 2.4 GHz Wi-Fi band. As long as you connect your phone to the same mesh network, Arlo can discover the camera.

Change your camera's Wi-Fi network

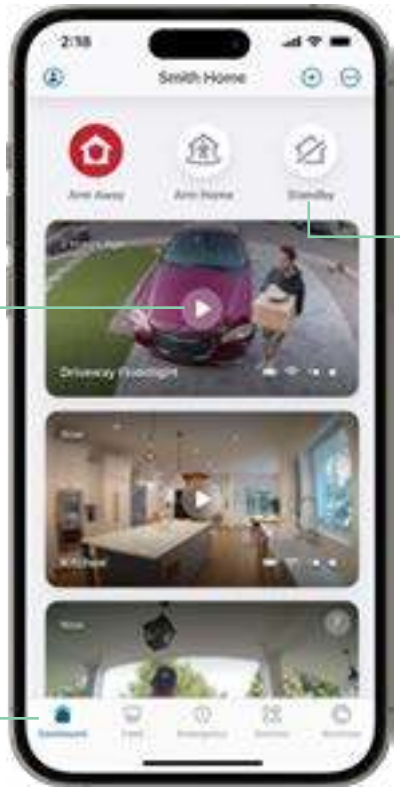
You can change your camera's Wi-Fi connection to your router's 2.4 GHz Wi-Fi network.

To move your camera's Wi-Fi connection directly to your router:

1. Open the Arlo Secure App and log into the same Arlo account that your camera is connected to.
2. Make sure Bluetooth is enabled.
3. Make sure that your mobile device is connected to internet.
4. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
5. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
6. Tap on **Connected to**.
7. Select **Change Network**.
8. Follow the on screen directions on how to change your camera's Wi-Fi connection.

4. Use Your Essential Series Camera

When you open the Arlo Secure App, you are presented with your dashboard.



Camera icon	Located below each camera feed	Camera feed icon	Tap the camera feed to display these icons
	Battery charge		Play/Stop
	WiFi signal from your WiFi router		Mute the audio
	Audio detection is on		Two-way talk
	Motion detection is on		Record video manually
	View or change the camera settings		Turn the camera spotlight on and off.

Turn the camera spotlight on and off manually

You can use your Essential Camera's spotlight at night for better video quality. When your camera is armed and detects motion, the spotlight turns on automatically. You can also adjust the spotlight behavior and turn it on and off.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the device
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Light Settings**.
5. To adjust the brightness, tap and hold the icon and adjust the slider.
6. To turn off the spotlight, tap **Spotlight**.

For information about how to customize the spotlight settings, see *Change the Low Light settings for your camera* on page 60.

View your camera feeds

1. Open the Arlo Secure App.
2. Tap **Devices**.
3. Tap **Play** on the camera feed.
   The camera feed updates and camera feed icons display.
4. To stop viewing and listening to the live feed, tap **Stop**.

Pan and zoom your video feed

1. Open the Arlo Secure App.
2. Tap **Devices** and then select your camera by tapping on the edge of the camera image.
3. Tap **Play** on the camera feed.
   On a mobile device, use the pinch gesture to zoom, and touch-and-drag to move around the zoomed-in frame.

   On a computer, double-click to zoom. Left-click and hold and drag to move around the zoomed-in frame.

   After zooming in, the image stops and buffers for about five seconds to improve the quality of video. When the buffering stops, your zoomed-in video renders in high quality.

Foresight

When plugged in using the indoor or outdoor charging cable, your camera records continuously, but discards the video after three seconds if no motion is detected. This is called Foresight and it means that your motion-triggered video recordings start before any motion happens; you don't miss a thing.

To record and view video with foresight:

1. Plug in your camera.
2. Make sure the camera is using a motion-detection mode such as Armed away.

Record clips from live video

1. Open the Arlo Secure App.
2. Tap **Devices** and then select your camera.
3. Tap the outer edge of the camera feed image.
4. Tap **Record** to begin recording.
   This icon turns red to indicate that you are recording the live feed.
5. To stop recording, tap **Record** again.

Note: Manual recording is not possible when you are using Local Live Streaming.

Take a snapshot from live video

1. Open the Arlo Secure App.
2. Tap **Devices**.
3. Select camera.
4. Tap **Snapshot** .
   The snapshot is saved in your library.

Customize your camera feed image

If you use more than one camera, you can change the order in which the camera feeds display on the Devices page.

Change the camera order

1. Open the Arlo Secure App.
2. Tap **Devices**.
3. Tap the **Menu** icon • • •.
4. Tap and drag the camera/device to reorder it.
5. Tap **Done**.

Motion detection activity zones

You can designate zones within the camera view where you want the camera to detect and record motion.

Add an activity zone

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon • • • in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Activity Zones.**
5. Tap the **Plus** Icon .
   An activity zone box displays in the camera feed image.
6. Move the zone to the desired position in the camera feed image.
7. To reposition the zone, tap and hold the zone and move it.
8. To customize the zone name, tap the **Edit** icon , enter a name, and click **Rename**.
   If you're using a web browser, click **>** next to the zone name.
9. Tap **Save**.

Change an activity zone

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Activity Zones.**
5. Tap a zone to select it.
6. Move the zone to the desired position in the camera feed image.
7. To reposition the zone, tap and hold the zone and move it.
8. To customize the zone name, tap the **Edit** icon , enter a name, and click **Rename**.
   If you're using a web browser, click **>** next to the zone name.
9. Tap **Save**.

Delete an activity zone

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Activity Zones**.
5. Tap a zone to select it.
6. Delete the device.
   On an iOS device, slide the named motion detection zone to the left and tap **Delete**.
   On an Android device, slide the named motion detection zone to the left.

2-Way Audio

The camera includes a microphone that supports 2-Way Audio.

1. Open the Arlo Secure App.
2. Tap **Devices** and then select your camera by tapping the outer edge of the camera feed image.
3. Tap the microhone icon .

4. The first time you use 2-Way Audio, allow Arlo to use your phone's microphone.
5. Tap the microphone button.
   2-Way Audio is activated.
   A **Tap to mute** microphone button displays below the camera feed. This button toggles mute on and off.
6. To turn off 2-Way Audio, tap the **x** on the upper-left corner of the page.

Turn the camera siren on and off manually

1. Open the Arlo Secure App.
2. Tap **Emergency**.
3. Tap **Activate Siren**.
   If you have multiple cameras, you are prompted to select one.
4. Swipe the siren icon to the right.
   The camera siren turns on.
5. To turn off the siren, tap the slider at the top of the Devices page.

View recordings and snapshots

Your camera stores recordings and snapshots in the library. You can use the filter and the calender to find and view specific recordings.

Access cloud recordings

Your camera records when it is in an armed mode and detects motion or sound. Your Arlo recordings are sent to your Arlo account in the cloud and stored in your library. Recordings are encrypted with your user name and password.

You can access your recordings from the Arlo Secure App on your mobile device or by using a web browser to visit *https://my.arlo.com/*. You can download recordings from the cloud and save them.

Use the Feed

You can use the feed to find and view recordings based on the date.

1. Open the Arlo Secure App.
2. Tap **Feed > Tap Calendar**.
3. Select a date.

Use the filter

You can use the filter to find and view recordings based on criteria that you select.

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap the **Menu** icon ••• in the upper right corner of the page.
4. Tap **Filter Type**.
5. Select or Deselect each Filter Type or Deselect/Select All.
6. Tap **Done**.

Turn off the filter

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap the **Menu** icon ••• in the upper right corner of the page.
4. Tap **Reset**.
5. Tap **Done**.

Download recordings

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap a recording.
4. Tap the **Menu** icon ••• in the upper right corner of the page.
5. Tap **Download**.
6. Tap **OK** to confirm.

Make a recording a favorite

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap the **Menu** icon • • • in the upper right corner of the page.
4. Tap **Favorite**.

Share recordings

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap the **Menu** icon • • • in the upper right corner of the page.
4. Tap **Share**.
5. Share the file.

Delete recordings

1. Open the Arlo Secure App.
2. Tap **Feed**.
3. Tap a recording.
4. Tap the **Menu** icon • • • in the upper right corner of the page.
5. Tap **Delete**.
6. Tap **OK** to confirm.

5. Routines, Modes, Automations, and Alerts

You can arm or disarm your Arlo cameras and devices. When your camera is armed, it detects motion and sound. Modes and automations let you tell your Arlo system what to do automatically in different situations. For example, you can set your Arlo system to record a video when it detects motion and send you an email alert.

Arm or disarm all your Arlo devices

1. Open the Arlo Secure App.
2. Tap **Routines** and then tap **Modes**.
3. Tap **Arm Away**, **Standby,** or **Arm Home**.

Modes

Arlo modes give you control over how your cameras respond to motion or sound. For example, you might want to turn on a different mode when you're on vacation. Modes let you tell your Arlo cameras to respond differently at different times.

You can create your own modes, but the Arlo Secure App comes with these modes:

Arm away. Protect your home inside and out when you're away.

Arm Home. Stay protected when at home by keeping certain devices armed.

Standby. Disarm your devices and keep specific ones armed..

You can customize which devices are active during specific modes. For example, when you're sleeping, you might want to arm your outdoor camera and disarm your indoor camera.

Select a mode

You can select a mode or set modes to activate according to a schedule.

1. Open the Arlo Secure App.
2. Tap **Routines**.
3. Tap **Modes**.
4. Select your camera.
   A list of modes displays.
5. Tap a mode to activate it.
   The mode that you selected turns on immediately. The mode stays active until you change it.

Mute Notifications

Mute Notifications temporarily silences push notifications to your mobile device, while videos continue to be recorded. This is great for a party when you don't need to be notified of friends in your backyard.

You can mute notifications from the Arlo Secure App. If you use Arlo Secure, you can also activate Mute Notifications directly from push notifications.

To mute notifications:

1. Open the Arlo Secure App.
2. Tap your Profile **> Notifications**.
3. Select the length of time to mute notifications.
   A message displays confirming that you are muting notifications. The Mute Notification status shows the amount of remaining time until notifications resume.

To unmute notifications

1. Open the Arlo Secure App.
2. Tap your Profile **> Notifications > Unmute**.
   The Mute Notifications status changes to Off.

Rules for modes

Each mode uses one or more rules to control your Arlo system. You can set these options.

- **Trigger device**. The trigger device is the camera that detects motion or sound. You can adjust the motion and sound sensitivity to minimize false alarms.
- **Action device**. The action device responds to motion or sound detection on the trigger device. For example, you might want your backyard camera or your driveway camera to trigger your door camera to start recording video. You decide what action each camera takes when motion or sound is detected.
- **Notifications**. When a trigger is detected, the Arlo can send you push notifications, email alerts, or both. You can also send email alerts to friends, family members, pet sitters, or anyone who might need to respond when a camera is triggered.

Change motion sensitivity

You can edit a rule to change the motion sensitivity level for your cameras.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Select **Default Mode Settings**.
5. Under **Motion Detection**, move the slider to adjust the sensitivity level for motion detection for this camera.
6. If you used a browser to specify the settings, click **Save**.

Change audio detection sensitivity

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Select **Default Mode Settings**.
5. Under Audio Detection, move the slider to the desired level of audio detection.
   If you used a mobile device to specify the settings, your settings are saved.
6. If you used a browser to specify the settings, click **Save**.

Control whether the spotlight turns on when motion is detected at night

Unless you changed its settings, your camera automatically turns on the spotlight when it detects motion at night. Your camera detects motion when it's in Armed mode or another mode that uses a rule for detecting motion. When the spotlight turns on at night, it allows your camera to record video in color.

Note: You can manually turn the spotlight on and off at any time by selecting your camera and tapping Spotlight. See *Turn the camera spotlight on and off manually* on page 31.

To control whether the spotlight turns on when motion is detected, you can change the low-light settings for your camera.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Tap **Video Settings** and then tap **Light Settings**.
5. Tap **Spotlight** to toggle the setting off and on.

Use a routine to activate the camera's siren

1. Open the Arlo Secure App.
2. Tap **Routines**.
3. Select **Automations**.
4. Tap **Add an Automation** or Plus icon **+** on the top right corner.
5. Add **Schedule** > **Action**.
6. Tap **Activate Siren** and then **tap Next**.

Manage alerts

Arlo can push notifications to your smartphone, send you email alerts, or do both. To receive Arlo notifications on your phone, you must install the Arlo Secure App on your phone.

Note: If you log out of the Arlo Secure App on your smartphone or mobile device, you will stop receiving push notifications.

1. Open the Arlo Secure App.
2. Tap your **Profile** on the top left corner.
3. Select **Notifications**.
4. Select the duration of time to turn off notification.

   Note: The Disarmed mode does not send alerts.

For information about Arlo Secure Alarm Detection, see *Detect audio alarms with your camera* on page 29.

Schedule when your camera is armed

You can set a schedule to arm and disarm cameras automatically. Schedules recur weekly. For example, the schedule for Tuesday repeats every Tuesday as long as the schedule is turned on.

Schedules recur weekly. For example, the schedule for Tuesday repeats every Tuesday as long as the schedule is turned on.

To schedule when your camera is armed:

1. Open the Arlo Secure App.
2. Tap **Routines**.
3. Tap the **Plus** icon ⊕ on the top right hand corner and then tap **Add Schedule**.
4. Specify your time.
5. Select your device and tap Save.
6. Tap **Add Action** then **Change Mode**.
7. Select **Arm Away**, **Arm Home**, or **Standby**.
8. Tap **Save**.

Edit a schedule

1. Open the Arlo Secure App.
2. Tap **Routines**.
3. Select **Automations**.
4. Tap on the schedule you want to modify.

Detect audio alarms with your camera

To use Alarm Detection, you need an Arlo Secure subscription. For information about Arlo Secure, visit *What are the available Arlo subscription plans and how much cloud recording is available?*

Alarm Detection notifies your Arlo Secure App when your camera detects the sound of a smoke or carbon monoxide (CO) alarm going off. Your camera records until activity stops or for the length of time you specify (up to a maximum of 300 seconds).

Compatible alarms

We recommend that you test the compatibility of your alarm with the Alarm Detection feature. The Alarm Detection feature recognizes these alarms:

- Smoke detectors with industry-standard T3 alarms (three intermittent beeps, followed by a period of silence).
- Carbon monoxide (CO) detectors with industry-standard T4 alarms (four intermittent beeps, followed by a period of silence).

The Alarm Detection feature doesn't detect alarms with other patterns.

Newer smoke detectors tend to emit a T3 alarm (three intermittent beeps followed by a period of silence), and carbon monoxide detectors emit a T4 alarm (four intermittent beeps followed by a period of silence).

Some examples of detector models that emit compatible T3 and T4 signals include:

- Kidde i9050
- USI5304
- First Alert 0827
- First Alert P1210
- First Alert SCO5

To determine your detector's alarm pattern, see the instructions that came with your detector or search online for product information.

Prepare a location to test your alarm compatibility

We recommend that you test your alarm to find out if it is compatible with the Arlo Alarm Detection feature. Before beginning a test, make sure that:

- Your smoke and carbon monoxide detectors can emit a continuous T3 or T4 pattern for

30 seconds during the test. If you're not sure if the test button on your alarm can do this, check the instructions that came with your alarm or search online for product information.

- The alarm location doesn't generate echoes and doesn't have sounds that are louder than the alarm.
- There won't be motion in your camera's field of view while you conduct the alarm test. If the camera detects motion during the test, it might not be clear whether the camera also detected the alarm.

Test your alarm for compatibility with Alarm Detection

1. During the test, place your camera within two feet of your alarm.
   After a successful compatibility test, you can move your camera to a different location and test the Alarm Detection range.
2. Open the Arlo Secure App.
3. Go to your profile and select your camera location.
4. Tap **Smart Notifications** and then select a camera.
5. Tap on the **Question Mark ?** in the top right hand corner.
6. In the Audio Alerts section, select **Smoke/CO Alarm** and make sure that **Other Audio** is turned off.
7. Follow the instructions on your screen to test out your Alarm. Your camera must be 2 feet or less from the alarm.
8. Use the test button on your smoke or carbon monoxide detector to activate the alarm for 30 seconds.
   Compatible alarms sound continuously for 20 seconds in one of these patterns:
   - Smoke detectors with industry-standard T3 alarms emit three intermittent beeps, followed by a period of silence.
   - Carbon monoxide (CO) detectors with industry-standard T4 alarms emit four intermittent beeps, followed by a period of silence.

Alarm Detection test results

The following sections explain the test results.

Alarm Detection is working

You received an Audio Alert push notification from the Arlo Secure App on your mobile device and a video clip labeled *Smoke/CO alarm* is saved in your Arlo Library. This means that your

camera is within range of your alarm, and your alarm is compatible with the Alarm Detection feature.

Note: Arlo cameras use battery power every time they record, so it's important that you're aware when you have audio alert options turned on. You can purchase spare batteries and the Arlo Dual Battery Charging station, sold separately, if desired.

Arlo recorded a video but didn't notify you

If you don't receive and Audio Alert push notification, but a video clip labeled *Audio* is saved in your Arlo Library, your camera is within range of your smoke or CO detector, but it did not recognize the sound pattern as a smoke or CO alarm.

You might not be notified for these reasons:

- Your smoke or CO detector did not emit a continuous T3 or T4 alarm pattern.
- There is too much background noise or an echo where your camera is located.
- Your alarm is not compatible with the Alarm Detection feature.

We recommend that you perform the test again to confirm the results.

Arlo didn't notify you or record a video

The camera is too far from the alarm to detect it. Move your Arlo camera closer to your alarm and perform the test again.

Test the Alarm Detection range

After a successful compatibility test, we recommend that you test the Alarm Detection range when you move your camera to a different location.

1. Place your Essential Outdoor Camera in the desired location.
2. Open the Arlo Secure App.
3. Make sure that you selected **Smoke/CO Alarm** in the Audio Alerts setting for your camera and that **Other Audio** is turned off.
4. Close the Arlo Secure App, but don't log out.
5. Use the test button on your smoke or carbon monoxide detector to activate the alarm for 30 seconds.
6. After a successful test, aim the camera toward the area of highest interest so that you can view the relevant videos when you get a notification.

Turn off push notifications after using audio detection

Push notifications must be turned on when you're using Arlo Secure audio detection. After you turn off audio detection and audio alerts, you can edit rules to turn off push notifications.

To turn off push notifications:

1. Open the Arlo Secure App.
2. Tap **Emergency**.
3. Tap the **Menu** icon • • • in the upper right corner.
4. Tap **Smart Notifications**.
5. Select a camera.
6. In the Audio Alerts section, deselect the slider next to **Smoke/CO Alarm** and **All Other Audio settings**.

6. Change Your Settings

You can use the Arlo Secure App to view and change the settings for your Arlo devices.

Camera settings

You can view or change the settings for each camera using either of these methods:

- Tap **Devices** and select the camera by tapping on the outer edge of the camera feed image. Tap the **Device Settings** icon on the top right corner of the screen.
- Tap the **Menu** icon or the **Device Settings** icon below the camera feed.

Change the camera name

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap the camera.
5. Tap Edit next to **Camera**. Enter a new name that reminds you of the camera's location, such as Garage or Front Door.
   Camera names are limited to 32 characters.
6. Tap **Save**.

Change the time zone

1. Open the Arlo Secure App.
2. Tap **Profile**.
3. Select **Home > Time Zone**.
4. Tap a time zone.
   If you're using a computer, click **Save**.

Power Management

Change the video quality and battery usage

You can set the video resolution as Best Video, Optimized, or Best Battery Life. Using the Best Battery Life setting reduces the Wi-Fi bandwidth that is required.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Select **Power Management**.
5. Tap to select **Best Video**, **Optimized**, **Best Battery Life**, or **Low Power Mode**.
6. You can also toggle **Auto Low Power Mode** and adjust its threshold. When your camera battery hits the selected threshold, it will automatically switch to Low Power Mode.

Video Settings

Adjust video brightness

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Tap **Video Settings**.
5. Under **Video Brightness**, Use the slider to adjust the video brightness

Adjust flicker settings

The combination of certain artificial light sources and the camera shutter speed might cause flickering in the recorded video. The default setting is Auto, but you can change the flicker adjustment.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.

4. Tap **Video Settings** > **Flicker Adjustment**.
5. Tap a setting.

Turn Night Vision on and off

When Night Vision is enabled, the camera automatically turns on infrared (IR) LEDs to record in low-light conditions. We recommend that you turn off Night Vision if the camera is facing reflective surfaces, such as windows.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Select **Night Vision**.

Tap **Night Vision**.
If you're using an Android device, tap the slider.

Turn enhanced color night vision off and on

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Night Vision**
5. Make sure Night vision is toggled on and then select **Color.**
   The Color setting toggles on and off.

Change the Light settings for your camera

Your Essential Camera's spotlight is set to automatically turn on when your camera detects motion at night. The spotlight improves video quality and allows your camera to record video in color at night rather than in traditional black and white. You can turn the spotlight on and off and you can adjust the spotlight behavior and brightness.

Note: You can manually turn the spotlight on and off at any time from the camera feed by tapping **Spotlight**. You can also use the Light settings to control whether the spotlight comes on automatically when your camera detects motion at night.

To change the light settings for the spotlight:

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Tap **Light Settings**.
5. Adjust the settings to customize your spotlight:
   - **Spotlight**. Toggle the spotlight on and off. When the Spotlight setting is set to the On position, the spotlight automatically turns on when your Arlo camera detects motion at night.
   - **Behavior**. Select the spotlight behavior that you prefer: **Constant** or **Pulsate**.
   - **Brightness**. Use the slider to adjust the brightness level

Change the audio settings

You can adjust the settings to reduce wind noise, turn the microphone off and on, and adjust the speaker.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Select **Audio Settings**.
5. Adjust the settings:
   - **Microphone** toggle turns the microphone off and on.
   - **Speaker** toggle and volume. To turn the speaker off and on, tap **Speaker**. To change the speaker volume, move the **Speaker Volume** slider.

Adjust recording length

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon next to the camera you want to modify.
4. Select **Default Mode Settings**.

5. Under **Recording Length**, select **Record until activity stops** (up to 5 min) or **Record for a fixed length**.
   If you select **Record for a fixed length**, set the length of recordings (10 seconds to 2 minutes).

Restart the camera from the Arlo Secure App

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Tap on your camera.
5. Scroll down to the bottom of the page and tap **Restart**.

View device information

You can view the firmware version, hardware version, and the serial number.

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Tap on your camera.

Remove a device from your account

1. Open the Arlo Secure App.
2. Tap **Devices** and then tap the **Menu** icon ••• in the upper right corner.
3. Tap the **Device Settings** icon ⚙ next to the camera you want to modify.
4. Tap on your camera.
5. Select **Remove Device**.

7. Troubleshooting

Arlo doesn't discover your camera during setup

If you're trying to set up and connect your Arlo camera directly to your Wi-Fi router and Arlo doesn't discover your camera, here are some things to check to identify and correct the problem.

When you're using the Arlo Secure App to add your camera, check the following:

- Make sure that you select the correct camera model when adding a device in the Arlo Secure App. The Arlo Secure App only tries to discover the Arlo device that you select.

  To find your camera's model number, check the box that your camera came in.
- Your Arlo camera and mobile device are connecting to the same 2.4 GHz Wi-Fi network. Your camera can only connect to a 2.4 GHz band, not a 5 GHz band. For more information, see *Tips for optimal Wi-Fi performance on page 14*.
- You're entering the correct Wi-Fi network SSID (network name) and password. The network SSID and password are case-sensitive and must be exactly correct. You can tap the **password eye** icon to view your password before submitting.
- Your mobile device and Arlo camera are within the Wi-Fi signal range of your Wi-Fi router. During setup, we recommend placing your camera within 10-15 feet (3-4.5 meters) of your Wi-Fi router. After the camera is set up and connected, you can move the camera any place within range of your Wi-Fi router. For more information, see *Tips for optimal Wi-Fi performance* on page 14.
- Check the camera LED. When you press the pairing button during setup, the LED blinks blue for two minutes while the camera is being discovered and then blinks blue fast when it connects to your Wi-Fi network. If the camera doesn't connect to your Wi-Fi network within two minutes, it times out and the LED stops blinking. If the camera times out, press the pairing button again. Make sure that the LED blinks blue during the entire connection process. *Check the LED* on page 10.

Can't see video streams in a browser

Your router might be blocking the ports to which Arlo sends data. To make sure that Arlo can stay connected, you must keep ports 443 and 80 open on your router.

To troubleshoot problems with the video stream, check for the conditions in these sections: *Wi-Fi signal interference* on page 39, *Out of range* on page 39 and *Low battery* on page 39.

Wi-Fi signal interference

Environments with multiple Wi-Fi networks, Wi-Fi devices, or frequencies can cause signal interference. If possible, minimize the number of networks, Wi-Fi devices, and transmitted frequencies in the area where you place your camera. For help with adjusting Wi-Fi settings such as the channel for your router, check the instructions that came with your router or contact your internet service provider (ISP) if they installed your router.

Out of range

Make sure that your camera is close enough to receive a strong Wi-Fi signal. The range of your router's Wi-Fi signal can vary depending on the router model and conditions in your local environment.

Make sure that your camera displays three or four bars of signal strength in the area where you intend to install it. The camera can work when signal strength is at one or two bars, but might go out of range intermittently due to fluctuations in the environment.

Low battery

A low battery can cause the camera to stream intermittently. If the battery's charge level is 25%, the Arlo Secure App displays a notification message. At 15%, the app sends you an email and a push notification.

Not receiving push notifications

You must be logged in to the Arlo Secure App to receive Arlo alerts on your smartphone or mobile device. Arlo registers your device for push notification when you log in. If you used the logout option instead of simply exiting the app, you must log back in to the app. You receive Arlo alerts even if your device is sleeping.

Check the Arlo Secure App notification settings on an iOS device

Make sure that you allow the Arlo Secure App to receive push notifications. The Arlo Secure App push notifications can be disabled on iOS.

1. Tap the **Settings** icon for your iOS device.
2. Tap **Notifications > Arlo**.

3. Make sure that **Allow Notification** is selected.

Check the Arlo Secure App notification settings on an Android device

Make sure that you allow the Arlo Secure App to receive push notifications. The Arlo Secure App push notifications can be disabled on Android devices.

1. Tap the **Settings** icon for your Android device.
2. Tap **Application Manager > Arlo**.
3. Make sure that the **Show Notifications** setting is selected.

Use the pairing button to reset the camera

You can use the pairing button for either of these types of resets:

- Reset your camera to its factory settings. See *Reset the camera to its factory settings on page 40.*
- Power cycle and reset your camera to its factory settings. See *Power cycle and reset the camera to its factory settings* on page 41.

Note: The pairing button is also used to wake the camera when it is shut down and to pair the camera with a Wi-Fi network. We recommend that you follow the instructions in the Arlo Secure App to wake and pair your camera.

Reset the camera to its factory settings

This process returns the camera to its default settings and removes it from your Arlo account. This means that you must follow the Arlo Secure App setup process to use your camera after a factory reset.

1. Press and hold the pairing button for about 15 seconds, until the camera LED begins blinking amber, then let go.
2. Ensure that the camera LED blinks amber three times.

   Make sure to let go of the pairing button when the camera LED begins blinking amber. If you hold the pairing button too long, you must restart the factory reset process until the camera LED blinks amber three times after you let go of the pairing button.

   After a factory reset, the camera still appears in the Arlo Secure App, but it is disabled.

3. To remove the camera from the Arlo Secure App, tap **Settings**, scroll down, and tap **Remove Device**.
4. To add the camera back to your Arlo account, tap the **Plus** icon ⊕ ion the Devices page and follow the prompts to connect your camera to your Wi-Fi network and set it up.

Power cycle and reset the camera to its factory settings

This process performs a hardware reset, which factory resets, power cycles, and shuts down the camera. To continue using your camera, you must wake the camera and re-add it to your Arlo account.

1. Disconnect the camera's USB-C charging cable if you were using it.
2. Press and hold the pairing button for about 20–30 seconds,
   The camera LED lights solid blue for 2 seconds, then blinks amber 3 times.
3. Continue holding the pairing button through all the LED behaviors, until you have held it for 20–30 seconds.
   The camera returns to its factory settings and shuts down. For information about waking the camera, see *Use the pairing button to reset the camera on page 40*.

Support

For product updates and web support, visit *http://www.arlo.com/en-us/support/*.

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Environmental Information

The minimum to maximum operational temp -20C to +45C. There is IP65 water intrusion protection.

Compliance

For additional regulatory compliance information including EU Declaration of Conformity, visit:

Some Arlo products have a regulatory e-label that you can access in the Arlo app or web portal. This is because a printed regulatory label does not fit all of the regulatory information on the Arlo product label.

To find the regulatory e-label for your Arlo product:

1. Launch the Arlo app or log in to my.arlo.com.

2. From the Devices screen, open the **Device Settings** page for your Ario product.

A. On iOS and web browser, tap the **Settings** icon next to your Arlo device.

B. On Android, tap the menu icon next to your Arlo device, then tap **Device Settings**.

3. Tap or click **Device Info** > **Regulatory**.

FCC ID: 2APLE18300425 IC: 23815-18300425 CAN ICES-003(B)/ NMB-003(B)

Note: If the Arlo Secure App does not show a Regulatory sub-menu for your Arlo product, then the product does not have a regulatory e-label, and you can find all regulatory information on the physical label located either at the base, inside the battery compartment, or near the power input port of the Arlo product.

For additional compliance information on Arlo products, visit https://www.arlo.com/en-us/about/regulatory/.

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。　　VCCI ー B

取得審驗證明之低功率射頻器材, 非經核准, 公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時, 應立即停用, 並改善至無干擾時方得繼續使用。前述合法通信, 指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
為避免本器材影像畫面遭偷窺或擷取, 本器材使用者應先修改預設密碼, 並定期更新密碼

Federal Communication Commission Interference Statement:

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 into 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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

RF exposure statements

This Transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada statement:

This device complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

1) This device may not cause interference, and

2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Innovation, Science and Economic Development Canada Statement:

This digital apparatus complies with CAN ICES-003(B).

Énoncé d'Innovation, Sciences et Développement économique Canada

Ce périphérique numérique est conforme à la norme CAN ICES-003(B)/NMB-003 (B).