



Essential Outdoor Camera

User Manual

- Essential Outdoor Camera 2K
- Essential Outdoor Camera HD Plug-In

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1. Get to Know Your Essential Outdoor Camera

There are two Arlo Essential Outdoor cameras:

- **Essential Outdoor Camera HD Plug-In (VMC2081)**
- **Essential Outdoor Camera 2K (VMC3081)**

Get the Arlo Secure App

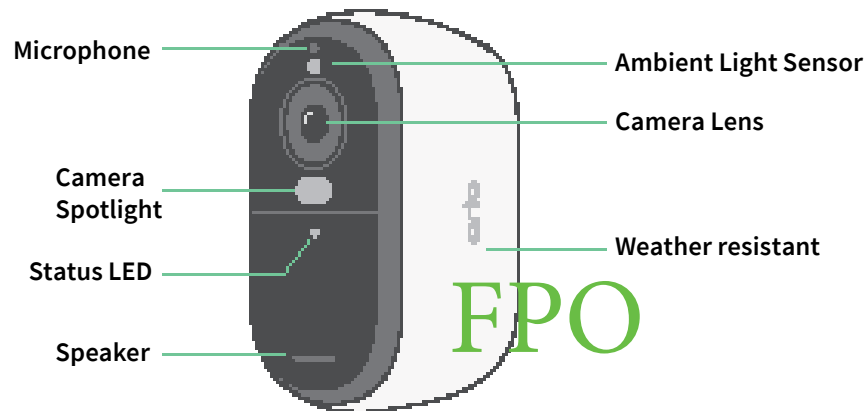
Download the Arlo Secure App. The Arlo Secure App lets you create an Arlo account in the cloud and set up and manage all your Arlo devices. You can either search for it in your phone's app store or scan the QR code below to download or update your Arlo Secure App.



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

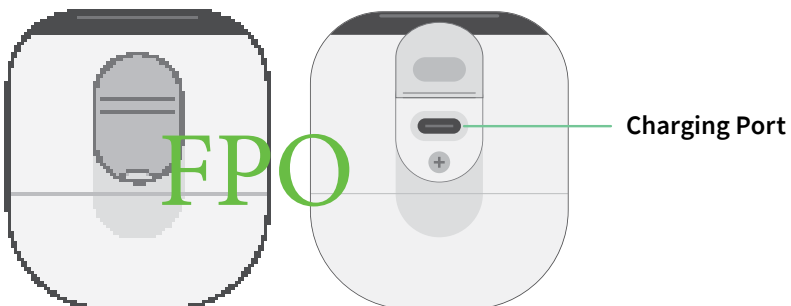
Front view



Top view



Bottom view



Features

- **Capture clear details in full high-definition.** Record video in 2K or HD for clear, crisp imagery.
- **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.
- **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

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.

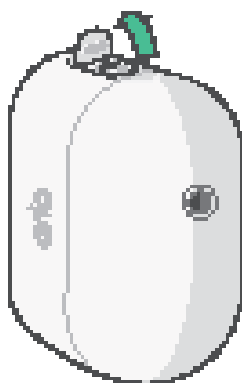
2. Get Started

Charge your camera indoors

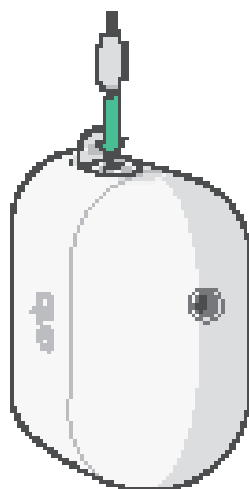
A USB-C charging cable comes in the box with your camera. This cable is for indoor use only.

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.

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/> 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**.
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 your 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.

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.



Arlo recommends 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.

Check the LED

The LED on the camera lights up when the camera is powered on. The LED changes color and blinks 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 or a connection error occurred during pairing.
- **Alternating blue and amber.** A firmware update is in process.

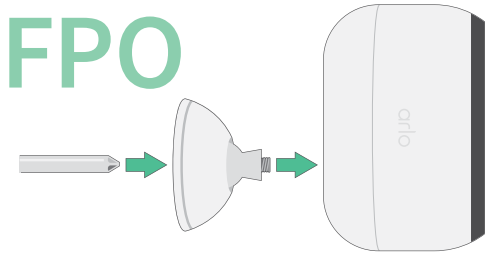
Find a good location for your camera

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

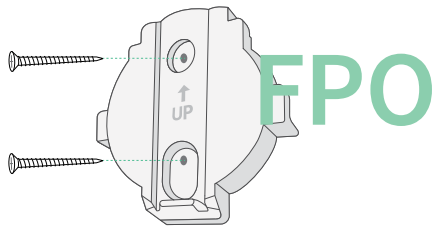
Your camera comes with a mount, wall plate, and a screw kit.

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 provided. 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

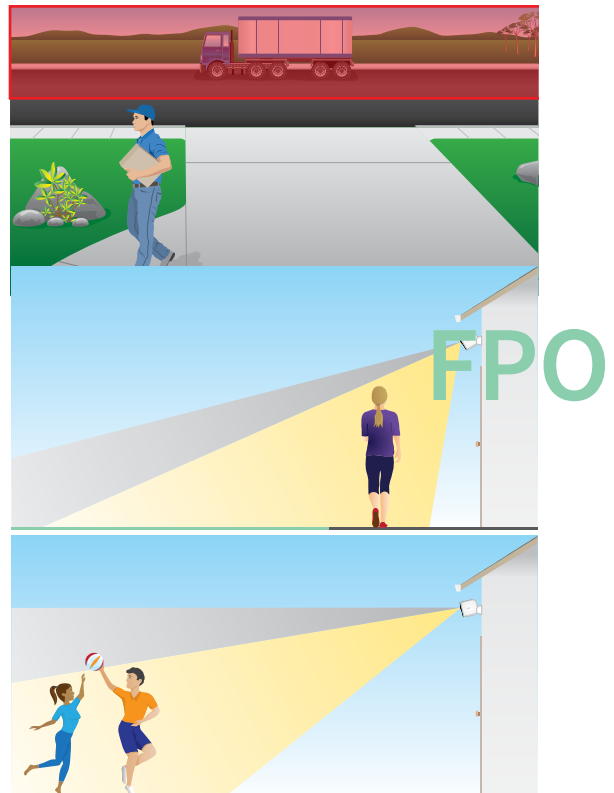
You can use the motion detection test to find the right motion sensitivity setting for your camera.

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 Set Up and Connections

During installation, the Arlo Secure App guides you to connect your camera to your Wi-Fi router's network.

Tips for optimal Wi-Fi performance

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

- **Maximum recommended distance.** Arlo 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 your Wi-Fi network during set up

If you are connecting your camera directly to the router's Wi-Fi network, it is important to understand that your mobile device and camera must connect to the same Wi-Fi network during set up.

Find your Wi-Fi network name and password

If you are not sure how to find the 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. If you changed your Wi-Fi settings, then check the place where you saved your custom settings.

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.

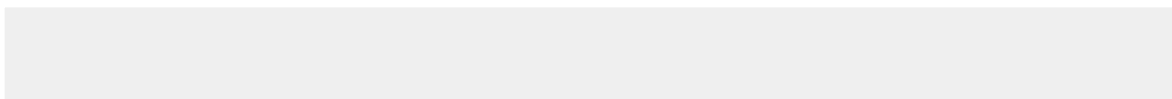
Compliance

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 Arlo 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**.



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 —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

應避免影響附近雷達系統之操作。高增益指向性天線只得應用於固定式點對點系統。

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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.**
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.**

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;**
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.**

Caution:

2) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;

3) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate;

Avertissement:

2) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limitation P.I.R.E.;

3) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E. spécifiée pour l'exploitation point à point et non point à point, selon le cas.”