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VMC2040

Essential Indoor Camera
User Manual

1. Get Started

Protect your home while away without comprising your privacy when at home. Arlo Essential Indoor Camera captures 1080p videoand offers a way to reassure your privacy with an automated privacy shield, controllable through the Arlo App. Receive motion alerts and use 2-way audio to hear and speak to visitors.

Use the Arlo app for installation and setup

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

1. Open the Arlo app and connect to your WiFi 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 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.

2. Open the Arlo app and connect to your WiFi network. Then select **Add Device** and add your camera.

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 WiFi signal. You can check the WiFi signal strength in the Arlo app.

Plug in your camera indoors

A micro USB cable came in the box with your camera. This cable is for indoor use only.

1. Connect the micro USB charging cable to your camera.

2. Connect the other end of the charging cable to a USB charging port or an AC power adapter.

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Check the LED

The LED on the camera lights 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.

- **Solid amber**. The camera is booting (starting up).
- **Slow blinking amber**. The camera is powered on and is ready for setup.
- **Fast blinking amber**. The camera is not connected to a WiFi network yet.
- **Slow blinking blue**. The camera is in the process of pairing to a WiFi network.
- **Fast blinking blue**. The camera paired with a WiFi network.
- **Solid blue**. The camera is powered on and is connected to the internet.
- **Solid purple**. The camera is connected to a WiFi network, but is not connected to the internet.
- **Blinking purple**. The camera is too far away from the router or the WiFi signal is weak.
- **Alternating blue and amber**. A firmware update is in process.

Wall mount your camera

Your camera comes with a mount and a screw kit.

1. Place the mount and secure it with screws.
   If you're mounting the camera on drywall, use the drywall anchors we provide.

2. Attach the camera to the mount.

3. Tilt and swivel to adjust the camera angle.

Test motion detection

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

1. Open the Arlo app.

2. Tap **Settings > My Devices**.

3. Select your camera.

4. Tap **Device Utilities > 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.

2. WiFi Setup and Connections

When you install and set up your camera, the Arlo app guides you through the process of connecting the camera to your router's 2.4 GHz WiFi network or to an optional Arlo SmartHub or base station.

WiFi connection options

When you install your camera you can connect it directly to your router's 2.4 GHz WiFi band, or you can connect the camera with WiFi to an Arlo SmartHub VMB5000 or VMB4540, or an Arlo base station VMB4500 or VMB4000.

An Arlo SmartHub or base station isn't included in the package with your camera. They are sold separately. Using your camera with a SmartHub or base station gives you access to these additional features:

- Use local storage on an SD card in a VMB5000 SmartHub or on a USB storage device connected to the SmartHub VMB4540 or base station VMB4500 or VMB4000.

- Use direct storage access for SmartHubs VMB5000 and VMB4540.

After you install and set up your camera, you can move its WiFi connection from your router to a SmartHub or base station. You can also move your camera's WiFi connection from a SmartHub or base station and connect it directly to your router's 2.4 GHz WiFi band. To do this, you must remove the device from your account and reinstall through the Arlo app, selecting the appropriate option to move back and forth.

Tips for optimal WiFi performance

The distance between WiFi devices can affect the WiFi signal:

- **Maximum recommended distance**. We recommend that you place your WiFi router within 300 feet (90 meters) of the camera. 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 WiFi interference, allow at least 6½ feet (2 meters) between your camera and any Arlo cameras that you install.

These materials can reduce WiFi signal strength if they are located between WiFi 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 WiFi network during setup

If you're connecting your camera directly to your router's WiFi network, it's important to understand that your mobile device must connect to the same WiFi network as the camera during setup.

Your camera can only connect to a 2.4 GHz WiFi network. Many routers broadcast WiFi networks in both 2.4 GHz and 5 GHz bands, so your phone might connect to the 5 GHz WiFi band. During setup, connect your phone to your 2.4 GHz WiFi network, then connect your camera to that same 2.4 GHz WiFi network.

Find your 2.4 GHz WiFi network name and password

Your phone might connect to your 5 GHz WiFi network most of the time. If you're not sure about how to find the 2.4 GHz WiFi network:

- Look on your WiFi router label.
  Many routers have a label that shows the WiFi 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 WiFi settings, then check the place where you saved your custom settings.

- If your WiFi 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 WiFi router.

- If you have a mesh WiFi network, it uses only one WiFi network name for both WiFi bands. The camera finds and connects to the 2.4 GHz WiFi band. As long as you connect your phone to the same mesh network, Arlo can discover the camera.

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Connect your iOS (Apple) device to a 2.4 GHz network

1. Unlock your device and tap **Settings**.

2. Tap **Wi-Fi**, near the top of the list of Settings options.

3. Turn on WiFi by tapping the switch next to Wi-Fi at the top.

   Note: WiFi is activated when the switch is green.

4. Select a 2.4 GHz WiFi network.

   This is commonly indicated by a 2, 2.4, or 2G at the end of the network name.

5. If prompted, enter the password for the network.

   When you're connected to the WiFi network, a blue check mark appears to the left of the network name.

Connect your Android device to a 2.4 GHz network

1. Unlock your device and tap **Settings**.

2. Tap **Network & Internet > Wi-Fi**.

3. Turn on WiFi by tapping **Use WiFi** at the top.

4. Select a 2.4 GHz WiFi network.

   This is commonly indicated by a 2, 2.4, or 2G at the end of the network name.

5. If prompted, enter the password for the network.
   When you're connected to the WiFi network, the word *Connected* appears under the network name.

Move your camera's WiFi connection to a SmartHub or base station

You can change your camera's WiFi connection from your router to an Arlo SmartHub VMB5000 or VMB4540, or an Arlo base station VMB4500 or VMB4000.

To add a SmartHub or base station and connect your camera:

1. Open the Arlo app.

2. Add the SmartHub or base station to the same Arlo account that your camera was originally connected to.

   If you're using an Arlo Smart trial associated with this account, doing this keeps the Arlo Smart trial active.

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3. Follow the Arlo app instructions to set up your SmartHub or base station and connect it to the Internet.

4. Tap **Settings > My Devices**.

5. Select your camera.

6. Scroll down and tap **Remove Device**.
   Your device is reset and removed from your account.

7. From My Devices, tap **Add New Device > Cameras > Essential**.

8. Follow the Arlo app instructions to add the camera.

9. When the Arlo app detects your SmartHub or base station, follow the instructions to connect your camera to your SmartHub or base station.

Move your camera's WiFi connection to a direct router connection

You can change your camera's WiFi connection from a VMB5000, VMB4540, VMB4500, or VMB4000 SmartHub or base station, and connect the camera directly to your router's 2.4 GHz WiFi network.

To move your camera's WiFi connection directly to your router:

1. Open the Arlo app and log into the same Arlo account that your camera is connected to.
   If you are using an Arlo Smart trial associated with this account, doing this keeps the trial active so you don't lose it.

2. Make sure that your mobile device is connected to your router's 2.4 GHz WiFi network.
   For more information, see *Connect your mobile device to a 2.4 GHz WiFi network during setup* on page 6.

3. Tap **Settings > My Devices**.

4. Select your camera.

5. Scroll down and tap **Remove Device**.
   Your device is reset and removed from your account.

6. Tap **Devices**, and then tap **Add New Device**.

7. Follow the Arlo app instructions to connect your camera directly to a 2.4 GHz WiFi network.

3. Use Your Essential Indoor Camera

When you open the Arlo app, the Devices page displays your camera feeds.

Tap to turn the siren on and off manually

This camera is armed and detecting motion

Number of new recordings

Tap Play ▶ to stream the camera feed

This camera is disarmed

Tap to view device settings for the camera

Tap a button to go to Devices, Library, Modes, or Settings

Camera icon	Located below each camera feed
📶	WiFi signal from your WiFi router, SmartHub, or base station
⫸●	Motion detection is on
⚙	View or change the camera settings

Camera feed icon	Tap the camera feed to display these icons
▶ ◼	Play/Stop
🔊	Mute the audio
🎤	Talk and Listen
◉	Record video manually (requires cloud storage)
📷	Take a snapshot (requires cloud storage)

View your camera feeds

1. Open the Arlo app.

2. Tap **Play** ▶ on the camera feed.
    The camera feed updates and camera feed icons display.

3. To stop viewing and listening to the live feed, tap **Stop** ◼.

Pan and zoom video

You can pan and zoom your video feed.

1. Open the Arlo app.

2. 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.

Record clips from live video

1. Open the Arlo app.

2. Tap the camera feed image.

3. Tap **Record** ⦿ to begin recording.
    This icon turns red to indicate that you are recording the live feed.

4. To stop recording, tap **Record** ⦿ again.

Take a snapshot from live video

1. Open the Arlo app.

2. Tap the camera feed image.

3. Tap **Snapshot** 📷.
    The snapshot is saved in your library.

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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. You can also zoom or rotate the camera feed image 180 degrees.

Change the camera order

1. Open the Arlo app.

2. Tap **Settings**.

3. Under DEVICE SETTINGS, tap **Device Order**.

4. If you are using a smartphone or tablet, tap **Edit** at the top of the page.
   A list icon displays.

5. Tap and hold the list icon and drag each device to the correct position on the list.

6. Tap **Save**.

Rotate a camera feed image 180 degrees

1. Open the Arlo app.

2. Tap **Settings > My Devices**.

3. Select the camera.

4. Tap **Video Settings**.

5. Rotate the image.
   If you're using an iOS device, tap **Rotate Image 180°**.

   If you're using an Android device, tap the slider to OFF and then rotate the image.

Motion detection activity zones

You can designate zones within the camera view where you want the camera to detect and record motion. An Arlo Smart subscription is required.

Add an activity zone

1. Open the Arlo app.

2. Tap **Settings > My Devices**.

3. Select the camera.

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4. Under VIDEO, tap **Activity Zones**.

5. Tap **+**.
   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 or resize the zone, tap and hold the zone and move it.

8. To customize the zone name, tap **Edit** 🖉 and enter a name.
   If you're using a web browser, click **>** next to the zone name.

9. Tap **Save**.

Change an activity zone

1. Open the Arlo app.

2. Tap **Settings > My Devices**.

3. Select the camera.

4. Under VIDEO, 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 or resize the zone, tap and hold the zone and move it.

8. To customize the zone name, tap **Edit** 🖉 and enter a name.
   If you're using a web browser, click **>** next to the zone name.

9. Tap **Save**.

Delete an activity zone

1. Open the Arlo app.

2. Tap **Settings > My Devices**.

3. Select the camera.

4. Under VIDEO, tap **Activity Zones**.

5. Tap a zone to select it.

6. Delete the device.
   On an iOS device, slide the motion detection zone to the left and tap **Delete**.

On an Android device, slide the motion detection zone to the left.

2-Way Audio

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

1. Open the Arlo app.

2. Tap the camera feed image.

3. Tap the microphone 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's siren on and off manually

Your camera includes a built-in siren. You can turn this siren on and off manually and you can also set up a rule for an armed mode to specify when the siren turns on if your camera detects motion.

To turn the siren on and off manually:

1. Open the Arlo app.

2. Tap **Siren** 🛑 on the upper right.

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.

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Access cloud recordings

cameras record when they are in an armed mode and they detect 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 app on your mobile device or by using a web browser to visit *https://my.arlo.com/#/login*. You can download recordings from the cloud and save them.

Use the Library

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

1. Open the Arlo app.

2. Tap **Library**.
    A green circle indicates the selected day. A green dot below the date indicates each day on which a video clip was recorded.

3. Tap a highlighted date.
    Recordings from that date display below the calendar.

Use the filter

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

1. Open the Arlo app.

2. Tap **Library**.

3. Tap **Filter** in the upper left corner of the page.

4. Tap the filtering criteria that you want to use.

5. Tap **Done**.

Turn off the filter

1. Open the Arlo app.

2. Tap **Library**.

3. Tap **Filter** in the upper left corner of the page.

4. Tap **Reset**.

5. Tap **Done**.

Download recordings

1. Open the Arlo app.

2. Tap **Library**.

3. Tap a recording.

4. Tap **Download**.

5. Tap **OK** to confirm.

Make a recording a favorite

1. Open the Arlo app.

2. Tap **Library**.

3. Tap a recording.

4. Tap **Favorite**.

Share recordings

1. Open the Arlo app.

2. Tap **Library**.

3. Tap a recording.

4. Tap **Share**.

5. Share the file.

Donate recordings for research

You can donate video or snapshot files to Arlo to use for research and development of Arlo products.

1. Open the Arlo app.

2. Tap **Library**.

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3. Tap a recording.

4. Tap **Donate**.

5. Tap **OK** to confirm.

Delete recordings

1. Open the Arlo app.

2. Tap **Library**.

3. Tap a recording.

4. Tap **Delete**.

5. Tap **OK** to confirm.

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Support

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

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Compliance

The regulatory marking is located at the bottom of the unit.

For regulatory compliance information including the EU Declaration of Conformity, visit *www.arlo.com/about/regulatory/*.

See the regulatory compliance document before connecting the power supply.

FCC ID: 2APLE18300406
IC: 23815-18300406
CAN ICES-3 (B) / NMB-3 (B)

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.

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-3(B).

Énoncé d'Innovation, Sciences et Développement économique Canada

Ce périphérique numérique est conforme à la norme CAN ICES-3(B)/NMB-3 (B).

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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.