



Owlet Cam 2 User Guide

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Getting your Owlet Cam 2 Set Up

This part of the user guide will help you get your Cam 2 set up, online and installed.

Getting Online

We recommend setting your Owlet Cam 2 up in the Owlet App before physically installing your Cam 2 in your nursery.

Before you get started:

1. Confirm that you have a 2.4Ghz wireless network available, as the Cam 2 only connects via 2.4Ghz.
2. Make sure that you know your WiFi password.



Download the latest Owlet App and create an account if you don't already have one.

Select Add a Device, and then select the Cam 2.

Follow the prompts to get your Cam 2 set up.

Check these error codes if you are unable to get successfully set up.

OC 20

If you see this error, take a look at the behavior of the LED on the Cam 2

Is it blinking blue?

Check the following:

- Make sure the WiFi network name and password are entered correctly.
- Make sure your mobile device is connected to the same WiFi as the one you want your Cam 2 connected to.
- Make sure your WiFi network is 2.4 GHZ. Cam 2 does not currently support 5 GHZ.

Is it a solid blue?

- Confirm that you selected Cam 2 at the beginning of the setup process, and please try again.

OC 22, OC 23, OC 24, OC 25

If you see any of these errors, your Cam 2 experienced an error during the setup process and you will need to try setting it up again. If you repeatedly see this error, please contact Customer Support for additional assistance.

+1 884-334-5330

contact@owletcare.com

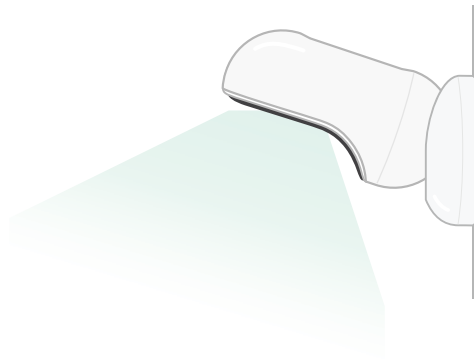
Getting your Cam 2 installed

The Cam 2 can be installed and mounted two different ways: in a birds eye view or on a flat surface.

Place the Cam 2 and all cables 36 inches (92 cm) away from the edge of the crib. Cables within 36 inches (92 cm) of the edge of the crib should be covered.



① **Place it on a flat surface** using the magnetic base and adjust for desired tilt angle.



② **Mount it on a wall above the crib** using the base as a wall mount for a bird's-eye view of the crib or for an expanded view of your nursery.

The next steps will guide you through mounting the Cam 2 on the wall (above the crib).

You can also view our [Installation Video](https://support.owletcare.com) at support.owletcare.com

What's in the Box



Owlet Cam 2



Cables with Owlet wraps*
and room temperature and humidity sensor

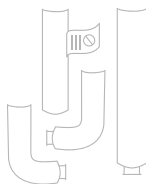


Magnetic base



Power adapter

Wall Mounting Kit



21x cable guards

18x long guards
1x end piece
2x L-brackets



Mounting plate



1x screw

Tools Needed to Mount the Cam 2



Measuring tape
(not included)



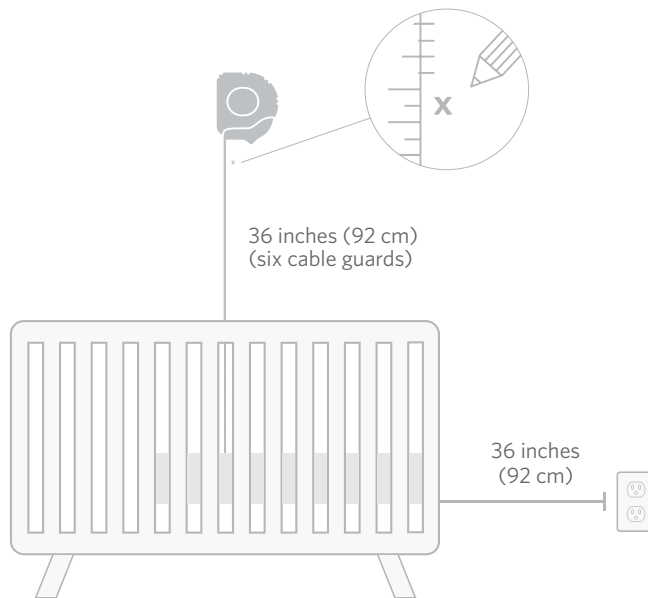
Small Phillips screwdriver
(not included)

① Measure and mark

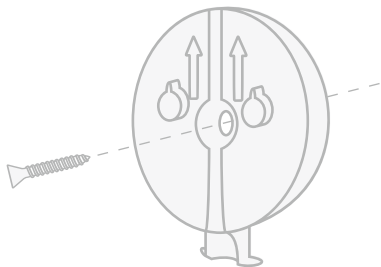
Measure 36 inches (92 cm) from the top of your baby's mattress and make a mark on the wall — this is where the Cam 2 will be mounted. Center this mark above baby's crib for the optimal viewing angle.

Consider which outlet to use. The outlet should be at least 36 inches (92 cm) away from the crib to ensure no exposed cables will be within baby's reach. The next steps will instruct you on how to cover all cables.

It's also important to consider the location of the temperature and humidity sensor. The sensor can be found near the end of the smart cable on the side that connects to the power adapter. It is best to ensure the temperature sensor is not directly above a heat or air vent to get more accurate readings around the room's overall comfort levels.



② Align and fasten



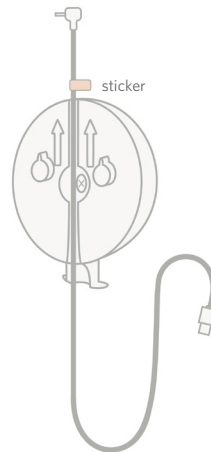
Align the center hole of the mounting plate with the mark you've made on the wall. Using the provided screw, fasten the mounting plate to the wall **with the arrows pointing upward.**

③ Unwind the cable



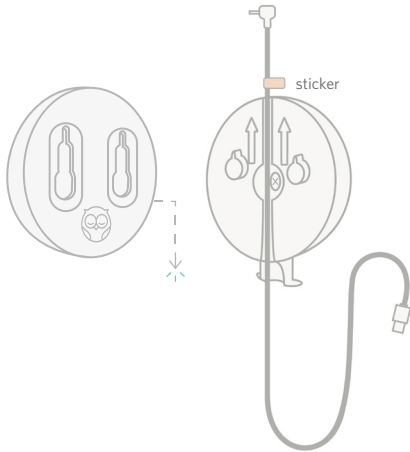
Remove the cable wraps and unwind the cable.

④ Thread the cable



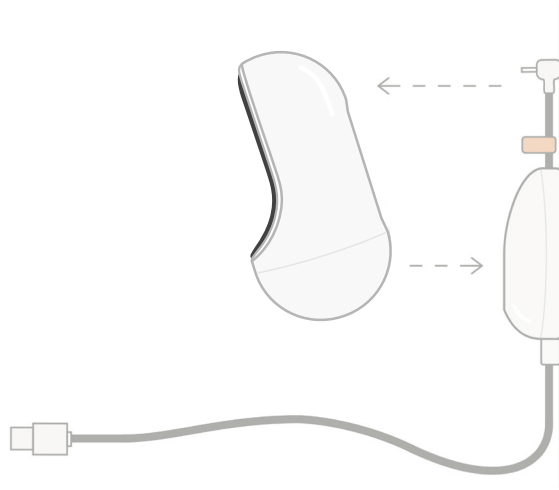
Thread the cable down the channel of the mounting plate, aligning the orange sticker on the cable to the top of the mounting plate.

⑤ Mount the base



Position the large holes of the magnetic base over the protruding tabs on the mounting plate, then slide downward until it clicks.

⑥ Attach the Cam 2



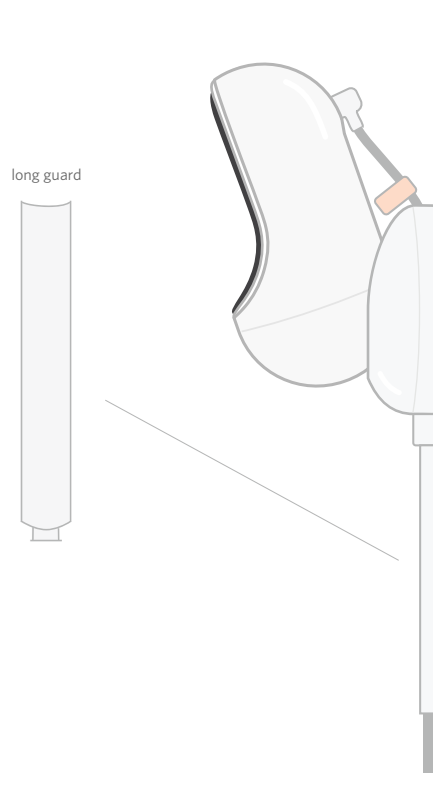
Attach the Cam 2 to the magnetic base. Plug the cable into the Cam 2.

The orange sticker should be placed just above the mounting plate so that you have enough cable slack to position the Cam 2 to your desired angle.

⑦ Mount cable guards

The cable guards use high-strength adhesive. Take your time during installation to ensure proper placement.

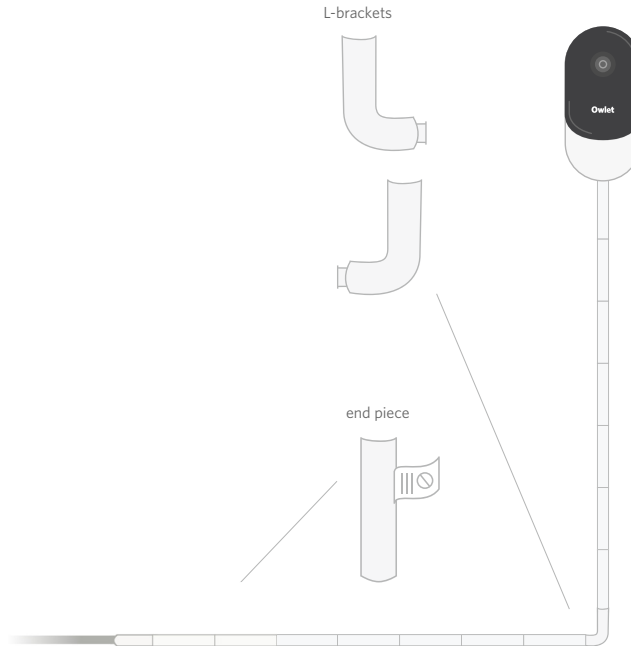
- ① Peel off adhesive cover from the back of a long guard
- ② Thread cable down the center of a long guard
- ③ Snap long guard onto the bottom of the mounting plate
- ④ Press firmly onto wall
- ⑤ Repeat steps 1-4 with remaining long guards until you reach the height of the wall outlet



⑧ Mount L-bracket

Use the right or left L-bracket to guide the cable in the direction of the wall outlet.

Install long guards until any cable within 36 inches (92 cm) of the edge of the crib is covered. Continue adding long guards as needed to reach the outlet. Finally, install the end piece when you are within 6-10 inches of the outlet (this allows enough room to wrap excess cable with velcro).

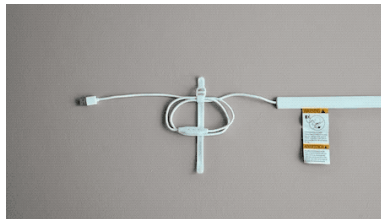
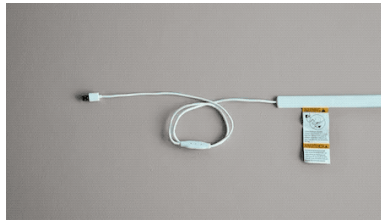
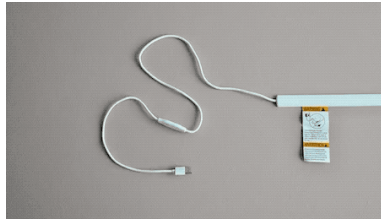


⑨ Wrap excess cable with velcro

Gather the excess cable into a loop. Secure the top section of the loop by feeding the cable wrap through the first hole. The Owlet logo faces outward. Secure the bottom section of the loop to the top section by feeding the cable wrap through the second hole (The loop should now look like a bow). Secure remaining cable wrap.

Once the excess cable has been wrapped securely, connect the power cable to the power adapter and plug it in.

You're all set! You can now use the App to reference how to adjust the Cam 2 angle until you achieve the desired view.



Need Help?

For contact information specific to your region, please visit

<https://support.owletcare.com>

How to Use your Owlet Cam 2 in the App

This portion of the user guide will help you understand how to use the Cam 2 and all its features within the App.

Cam 2 Home Screen

You can view your Cam 2 stream on iOS or Android devices. Up to 4 devices can stream at the same time.

- Select the [] icon or rotate your phone horizontally to view in full screen.
- Zoom in up to 4x by double tapping on the screen, or using your fingers to pinch in and out.

2-Way Talk

Use this feature to speak to your child from another room.



Button — ON

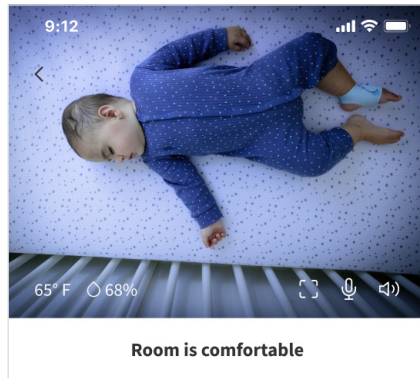
Child can hear you
(microphone has a green background)

When you have this feature enabled, you will be unable to hear the sound from the Cam, so make sure that you hit the button again when you aren't speaking.



Button — OFF

Child cannot hear you



Audio Options



On

When the Owlet App is open, you can hear the audio from your baby's room. When you switch tabs or close the App, you will not hear sounds from their room.



Off

If you select "off" here, you will not hear the audio from the Cam. Video will continue streaming.



Background Audio

When this option is selected, you will continue to hear the audio from the Cam 2 even if your App is closed or you are using your device for something else. This allows you to listen in on your child while using your phone for other purposes.

Video Quality

The Cam 2 can stream up to 1080p, providing a high quality stream. However, the video streaming quality can be impacted by a variety of factors. Cam 2 is set up to run on "Auto," which will automatically adjust the stream quality to ensure a consistent stream. You can select another viewing resolution (1080p, 480p or 360p) as desired. Owlet recommends to use the Auto setting to ensure that you can maintain a consistent stream.

- To see what streaming quality your Cam 2 is providing, triple tap to the left of the word "Auto."



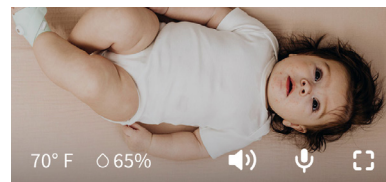
Room Status

By default, the status under the Cam 2 feed will inform you if the room is uncomfortable based on the temperature and humidity levels. The status will be updated to reflect the default or customized comfort settings under Notifications.

- Room is Comfortable
- Room is Uncomfortable

Temperature & Humidity Readings

The Owlet Cam has a built-in temperature and humidity sensor that displays the temperature in Fahrenheit or Celcius and the humidity as a percentage. Consider where the thermostat gets located in the room in order to ensure accurate readings.



Notifications & Video Clips

Cam 2 Notifications

Notifications that are sent when your Cam 2 detects a specific event (crying, sound, motion). The three types of notifications that can be sent are:

- Cry Detection: get notified when crying is detected by the Cam 2.
- Sound Detection: get notified when sound in the room is detected above the set threshold.
- Motion Detection: get notifications when motion has been detected in the Cam 2 frame.
- Room Comfort /Sleep Assist: get notified when the room temperature or humidity levels are outside the specified thresholds.

Thresholds

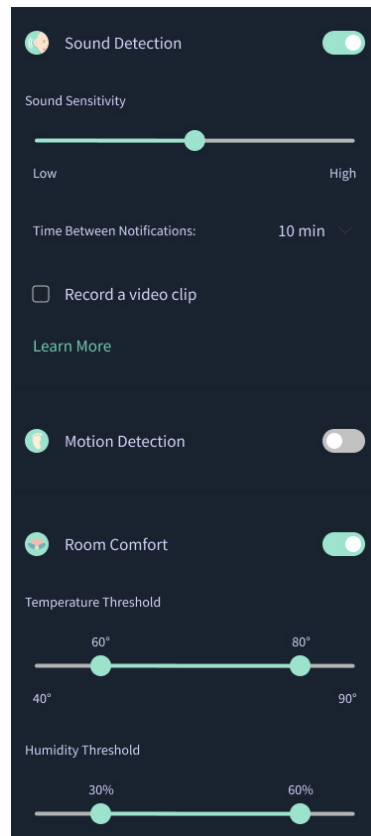
- Cry, Sound & Motion: settings have thresholds that allow you to adjust the sensitivity required to trigger a notification.
- Room Comfort/Sleep Assist: has adjustable ranges to allow for customization that meets your environmental setting.

Temp: can be set anywhere between 40°F-90°F, with ranges in 5 degree increments.

Default are set to 60°F (16°C) and 80°F (28°C)

The Cam 2 reads the temperature in Celsius, and is converted to Fahrenheit, so the readings could be off by an average of 1-3 degrees

Humidity: defaults are from from 10-90% RH (Relative Humidity)



Time Between Notifications

Use this setting to determine how often you want to receive notifications. A mobile device will only receive specified notifications once during the time period set.

- For example, if your time between notifications is set to 5 minutes, you will only be notified that Baby is crying once during that 5 minutes. If they are still crying at minute 6, you will get another notification.

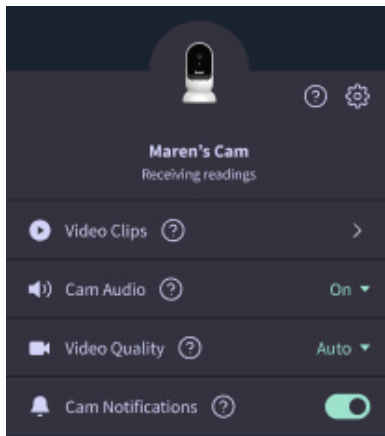
This can be set as frequently as 1 minute, up to 1 hour for cry, sound, motion. Room comfort levels are every 30 minutes, 60 minutes, or up to 24 hours.

Thresholds and time between notifications will be the same for all mobile devices associated with the account.

Cam 2 Notifications — ON

In order for a specific mobile device to receive notifications, they must have Cam 2 Notifications enabled to ON on the home page.

This allows for multiple devices to be connected to the Cam 2, but only those who want notifications will get them.



Video Clips

Video clips can be captured when sound, motion, or crying are detected in Baby's room. Clips will be saved in the Owlet App for 7 days, and can be saved to your mobile device. The video clips will capture a few moments before the event, as well as a few moments after.

- Video clips can be captured when crying, sound, or motion is detected by Cam 2 until they expire.

Playing A Video Clip

Click on the preferred video clip. The video will go to full screen and can be rotated to landscape mode.

You can play, pause, fast forward and rewind (~4 seconds).

Mute audio, go full screen, or hit the share button for more options.

The share button will present you options:

- Delete the video from the account
- Share the video
- Save video to your device

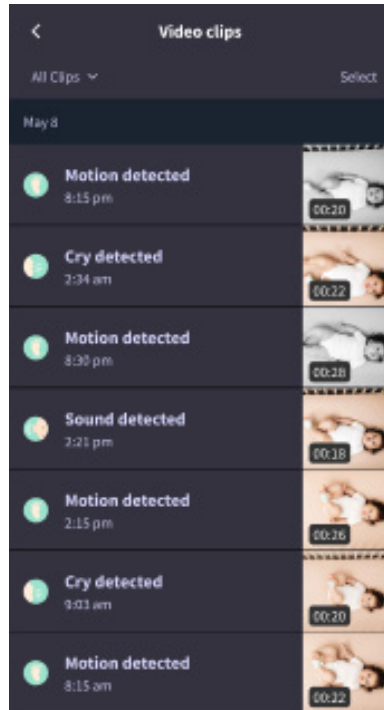
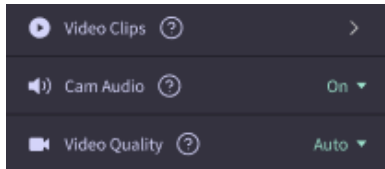
Video Clip Management

- **Availability:** Video clips are available for users to view for 7 days after the clip is captured.
- **Sort & Filter:** You can sort and filter your clips by type.
- **Video clip deletion:** Delete those that are not useful.

To delete a video clip, press “Select”, and check which videos you want to delete.

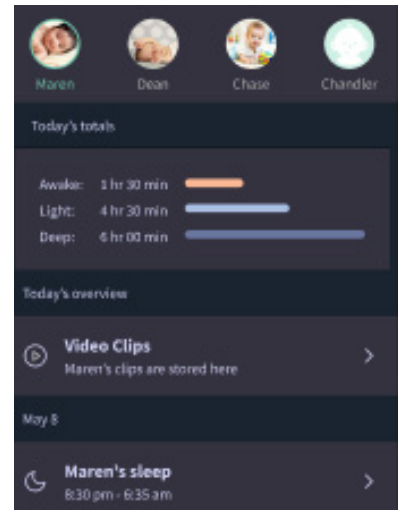
You can also delete the video clip from the full screen view by clicking the share button.

Once they are deleted in the app, other users logged into that account will also lose access to those video clips.



History

Video clips can also be found under the History tab, and will be included with any other history associated with that day. When pressing the list item view, you will be shown a list of all video clips that were captured on that day.



Having trouble getting a Cam feed to show up?

Here are some steps to follow if you see these icons on your Cam feed.

Your Mobile device is offline

This error means that your mobile device does not currently have a connection to the internet through either WiFi or a cellular network.

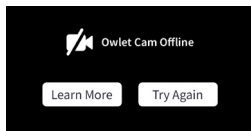
Check and make sure your mobile device is not in airplane mode.

Owlet Cam 2 is Offline

This message indicates that the Owlet Cam 2 does not have a connection to the internet. You can verify this or resolve this issue by checking the following:

Verify the Cam 2 has power.

- Check to confirm that the unit is plugged in and powered on.
- Recycle the power by unplugging it, waiting 30 seconds, and then hitting the Try Again button again.



Log out and then back into the app. Once logged back in, see if the connection is restored.

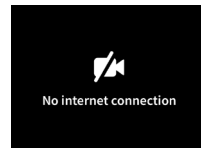
Check that your WiFi is online and broadcasting.

- If your phone is connected to the same WiFi, turn off cellular services and see if you can get on the internet.
- If WiFi is broadcasting properly or you're in an area with a new wireless connection.

Re-Pairing Instructions

Repairing the Cam will reset the Wi-Fi connection to the Cam.

Go to Account tab, MyOwletDevices (choose your Cam), Wi-Fi, + Connect to new network and follow prompts.



Re-Registering Instructions

Re-Registering the Cam will remove the Cam from the account, Owlet backend services and erase Wi-Fi connections.

Go to the Account tab, select the Camera, and then select 'Remove this device'.

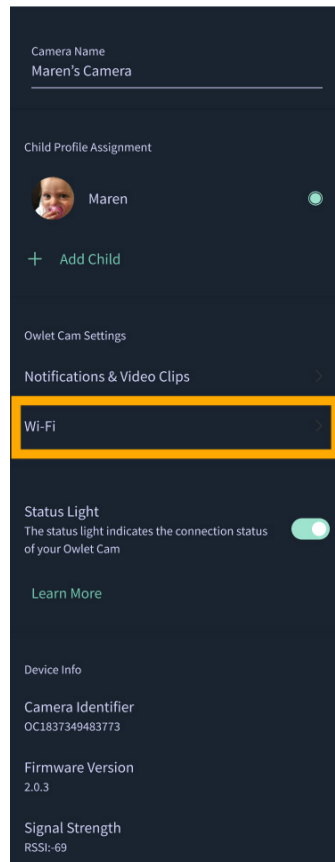
Under the Account tab, scroll to the bottom and Select +Add Owlet device. Follow prompts.

Cam Settings and Account Information

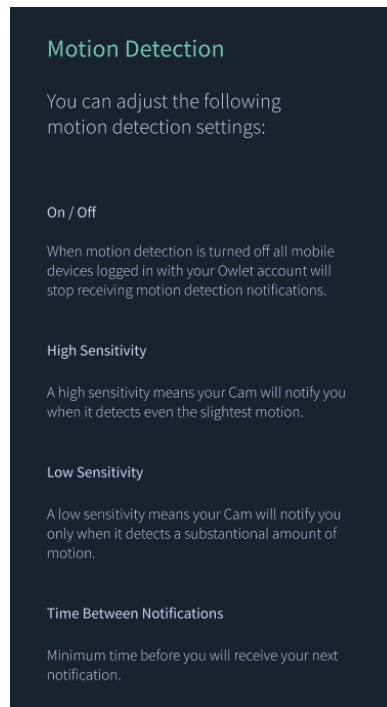
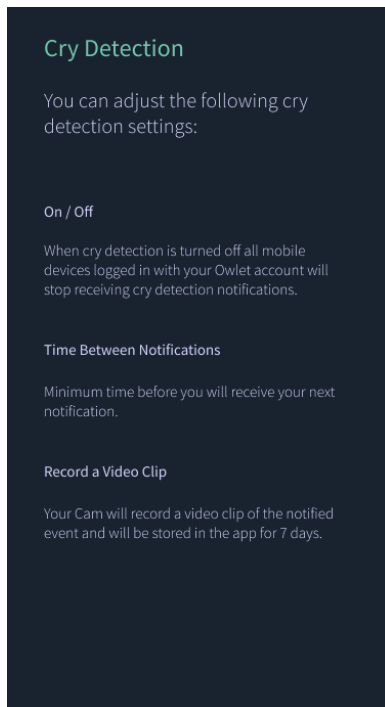
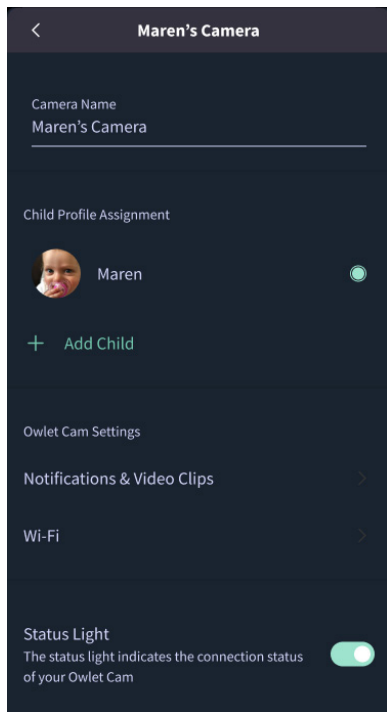
The Owlet App allows you to do more than just view your Cam 2 feed. You can also navigate your account and other Cam 2 settings and general information in the Account tab.

From the Account tab, and select your Cam 2 from the list of Owlet Devices where you can:

- Change your Cam 2 name, or change which child's profile the Cam 2 is assigned to.
- Access your Notification settings.
- Add a new WiFi network, or re-pair your WiFi connection
- Turn your LED Status lights on/off
- Retrieve your Cam 2 Serial Number, Firmware Version, and WiFi strength.
- Remove and delete your Cam 2 from your account.



Appendix



Sound Detection

You can adjust the following sound detection settings:

On / Off

When sound detection is turned off all mobile devices logged in with your Owlet account will stop receiving sound detection notifications.

High Sensitivity

A high sensitivity means your Cam will notify you when it detects even the slightest noises.

Low Sensitivity

A low sensitivity means your Cam will notify you only when it detects a substantial amount of noise.

Time Between Notifications

Minimum time before you will receive your next notification.

Video Clips

The Owlet Cam 2 captures video clips when sound, motion, or cry detection events occur. You can select which events you want to trigger a video clip, and when that event occurs, it will capture a few seconds before and after the event so you have more visibility and insight into what is happening with Baby.

Video clips will only be captured when notifications are enabled on at least one device, and will be available to view for 7 days for all devices associated with the account. Clips can be saved and downloaded to your device in order to share with others.

Once a clip is deleted by a user it is removed from the account and cannot be recovered.

Room Comfort

You can adjust the following temperature/humidity detection settings:

On / Off

When room comfort detection is turned off all mobile devices logged in with your Owlet account will stop receiving room comfort notifications.

Room Temperature & Humidity

Your cam will notify you with a Sleep Assist prompt when the temperature or humidity settings go beyond the thresholds that are set.

Time Between Notifications

Minimum time before you will receive your next notification.

Record a Video Clip

Your Cam will record a video clip of the notified event and will be stored in the app for 7 days.



IMPORTANT SAFETY INSTRUCTIONS

- **WARNING:** The Owlet Cam 2 is not a medical device. It is not intended for use as a medical device or to replace a medical device. It does not and is not intended to diagnose, cure, treat, alleviate or prevent disease or health condition or investigate, replace or modify anatomy or any physiological process.
- For indoor use only. To reduce the risk of fire or electrical shock, DO NOT expose this product to water or moisture. DO NOT use monitor near water (such as bathtub, sink, etc.) or submerge in water.
- The use of this monitor should not replace proper adult/parental supervision. You should check your child's activity at regular intervals, as this monitor will not alert parents to the silent activities of a child.
- NEVER attempt to disassemble the product. This is dangerous and will void the warranty.
- The user should not attempt to service/repair monitor.
- Use only the adapter supplied with this product. Incorrect adapter polarity or voltage can seriously damage the product.
- To prevent entanglement and overheating, DO NOT use extension cords.
- The adapter may become slightly warm to the touch during operation. This is normal.
- ALWAYS unplug the AC adapter from the wall during extended periods of non-use.
- Check to make sure wall outlet plates are not unusually

hot to the touch. If they are, immediately unplug cords from these outlets. Check that all outlet connections are in good condition so that adapter is not loose or that no wiring is exposed. Have a qualified, licensed electrician check that no wiring is exposed.

- DO NOT place adapter/wall plug under a window where a child might use it to step on and/or reach something that might be dangerous.
- Adult assembly is required. Keep small parts away from children when assembling. Exercise care when unpacking the product.
- This product is not a toy. DO NOT allow children to play with it.
- Monitor uses encrypted transmission over FCC-managed frequencies. Always remember to password-protect your WiFi router.

ADDITIONAL SAFETY INSTRUCTIONS

- **VENTILATION:** DO NOT block ventilation openings. DO NOT place on a bed, sofa, rug or similar surface. DO NOT place in a bookcase or cabinet that may restrict air flow.
- **HEAT:** The monitor should be situated away from heat appliances that produce heat. Also, keep these components out of direct sunlight.
- **POWER CORD PROTECTION:** The power supply cord should be routed so that it is not likely to be walked on or pinched by items placed upon or against it. Pay particular attention to the cord at the plug and at the point it exits from the monitor.

LIMITED WARRANTY

Owlet proudly stands behind its products. Our warrantaire found at: <https://owletcare.com/pages/warranty>.

FCC COMPLIANCE STATEMENT

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. Please ONLY use the supplied power adapter. Failure to so do may void our limited warranty. 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 manufacturer's instructions, may cause interference harmful to radio communications.

WEE COMPLIANCE STATEMENT

Owlet is committed to meeting the requirements of directive 2012/19/EU on waste electrical and electronic equipment (WEEE). Please visit our website at owletcare.com to find out more about the proper disposal of Owlet products in the EU and UK.

DECLARATION OF CONFORMITY STATEMENT

Hereby, Owlet Baby Care declares that the Owlet Cam 2 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
<https://owletbabycare.co.uk/pages/ce-compliance>

FREQUENCY RANGE AND MAXIMUM OUTPUT

2412-2472MHz (0.0249 watt Watts)

U.S. Pat. Nos. D864147 and D864148. Other patents pending

IC : 21386-OC2A

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interferences, and (2) this device must accept any interferences, including interferences that may cause undesired operation of the device.



