

Sticker-Eye[®]

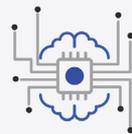
Smart Home Wire-Free AI Camera User Manual



Wire-Free



Face Recognition



AI Embedded



Human Detection

Sticker-Eye Software Version: **2.10, 2.11**

iOS Sticker-Eye Mobile App Version: **2.2.x**

Android Sticker-Eye Mobile App Version: **2.2.x**

V2.00

July 2019

Support

For online support, visit www.eyecloud.ai/support. Our support materials include:

- Video tutorials

- FAQs and documentation

If you need any help please submit a support case describing the steps you took and provide the following information:

- Device serial number**

- Username** (email address or mobile phone used to register your account)

If you purchase Sticker-Eye from our Amazon page and you need assistance, write us on amzservice@eyecloud.tech and attach your order ID.

Sticker-Eye User Manual

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1. General Information

1.1 What's Inside

A. 1 x Sticker-Eye Camera

B. 1 x magnetic mount

C. 2 x stickers

D. 1 x type-C USB cable

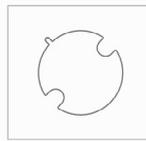
E. 3 x mounting screws



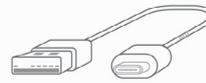
A



B



C



D



E

1.2 Camera Specifications



Face Recognition



AI Embedded



100% Cordless



Live Stream



App



Human Detection



Smart Alerts with
Notification Snapshot



Local Encryption



Person Triggered
Video Recording



Night vision



HD

Sensor resolution	FHD 1080p
Night vision IR LED	850nm, up to 20ft
Optical FOV	>110° diagonal
Ambient light sensor	Yes
PIR Sensor	20ft
Video format	H.264 MP
Image format	JPG
PTZ support	Digital
Local Storage	8GB or 32GB internal
Processor	Intel Movidius VPU, TI
OTA FLASH storage	32MB
WiFi	2.4G 802.11b/g/n
Person Detection	Up to 20 feet (6 meters)
Face Detection	Up to 10 feet (3 meters)
Face Recognition	Up to 10 feet (3 meters)
Audio	Half-duplex 2-way
APP supported functions	Remote configure and OTA firmware update, push notifications, records browsing, records playback, live streaming with audio interaction, recording on APP, video clip sharing through social media, multiple camera management
Power Supply	6000mah rechargeable battery
Battery Life	2 months under normal usage
Battery power monitor	Indicator & Reminder
Operating temperature	-10°C ~ 50°C
Charging Port	2.1A USB Type-C
Product Dimensions	171mm x 50mm x 50mm
Net Weight	305g
Standard Certifications	CE, FCC, UL

RoHS Compliance	Yes
Humidity	5%~95%
Weatherproof	IP54
Product Warranty	1 year

1.3 Mobile App Symbols

The following list will give you an overview of all icons and their meaning:

ICON	ACTION
	Sticker-Eye app
	Add new device
	Devices/Homepage
	View all real-time alerts
	View all recordings saved on the device, including those you didn't receive in the form of a notification because the camera was offline
	Fullscreen
	Calendar

	Next Day
	Previous Day
	Enter Camera Settings
	Watch live stream
	Wi-Fi reconfigure
	Record a video from live stream
	Take a snapshot from live stream
	Talk during Live Stream
	Mute/unmute during Live Stream
	Turn on/off Siren during Live Stream
	Manage detection modes
	Video settings (View Position, Video Resolution, Video Quality)
	Set focus area
	Share device with friends
	Device General Settings

	Rename device
	Wi-Fi signal strength
	Snapshots
	Videos
	User info (avatar, email)
	Downloaded videos
	Recorded videos
	Move to trash
	Download
	Profile Device Settings
	Account Settings
	General Settings

2. Getting Started

2.1 How Sticker-Eye Works

Sticker-Eye is a battery powered home security camera with on-device person detection and face recognition.

Sticker-Eye sleeps with one eye open. The device is triggered based on user detection preferences.

When Sticker-Eye detects an event (motion and/or people), it exits standby mode, starts recording and sends smart alerts via mobile app. After detecting an event and notifying the user, the device enters standby mode again for battery saving purposes.

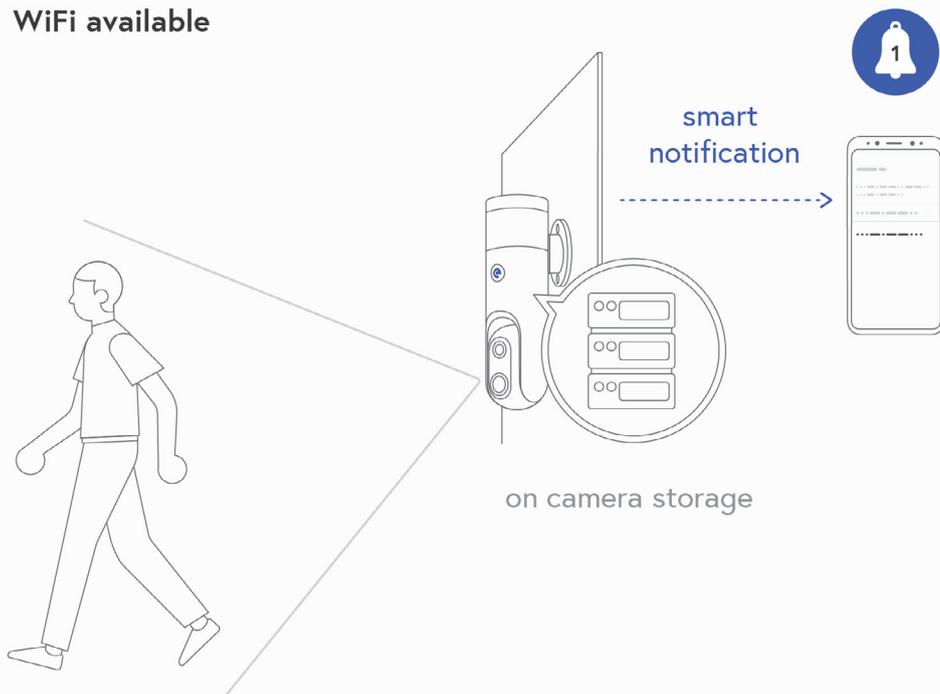
With Face Recognition enabled, the user can choose whether he/she wants to receive a notification or not when a familiar face is recognized.

Since all decisions are made on-device, Sticker-Eye also works if the internet is down. The detection modes won't be affected whatsoever. Sticker-Eye will still be able to record events and store them locally, but won't send notifications.

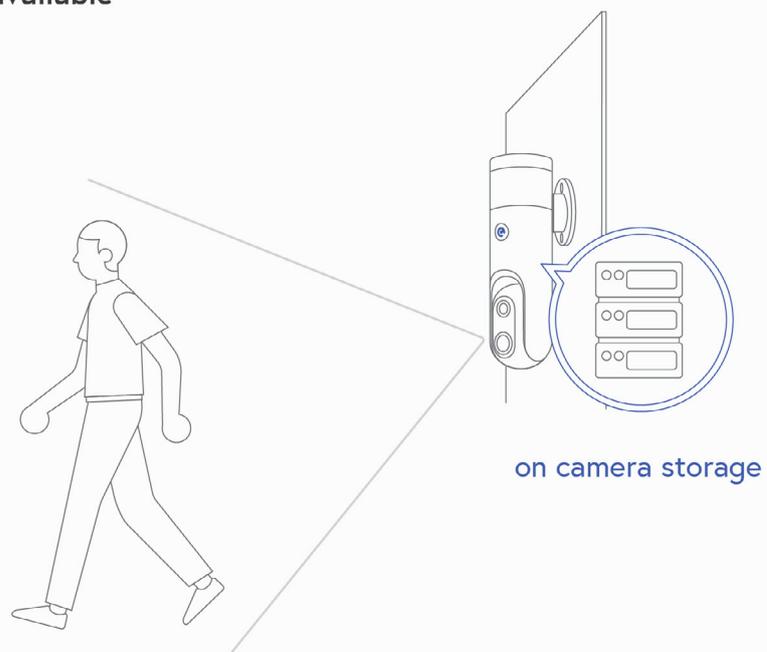
Once the camera gets back online, the user will be able to access recordings and alert images via Playback (see chapter 5, Section 5.1.2).

Sticker-Eye can be used indoor and outdoor and the battery is rechargeable.

WiFi available



WiFi unavailable



2.2 Turn Sticker-Eye On or Off

To turn on the device, long press the main button for **1 second** and wait for the Power On sound.

To turn off the device, press the main button for at least **15 seconds**.

2.3 Charge Before First Use

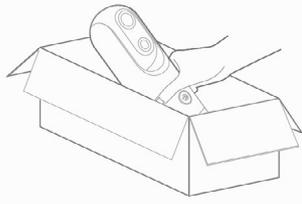
Before getting started with Sticker-Eye, make sure to **fully charge it**:

1. Get the camera out of the box.
2. Get the USB Cable from the package
3. Open the rubber cover of the charging port on the Camera Body.
4. Use a minimum **2A** USB charger to charge the battery.
5. During charging, the **Red** LED is always on. When the battery is fully charged, the LED will turn OFF. If the LED is **fast blinking RED**, the charger you are using is not compatible.

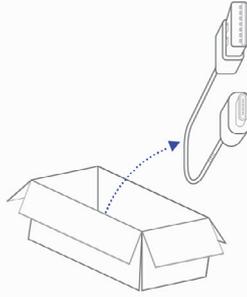
Charging time: about 6 hours using a minimum 2A charger.

Voltage: between 4.75V and 5.75V

Current: minimum 2A



1

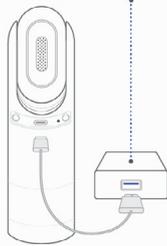


2



3

Voltage: $4.75V \leq V \leq 5.25V$
Current: $\geq 2A$



4



5



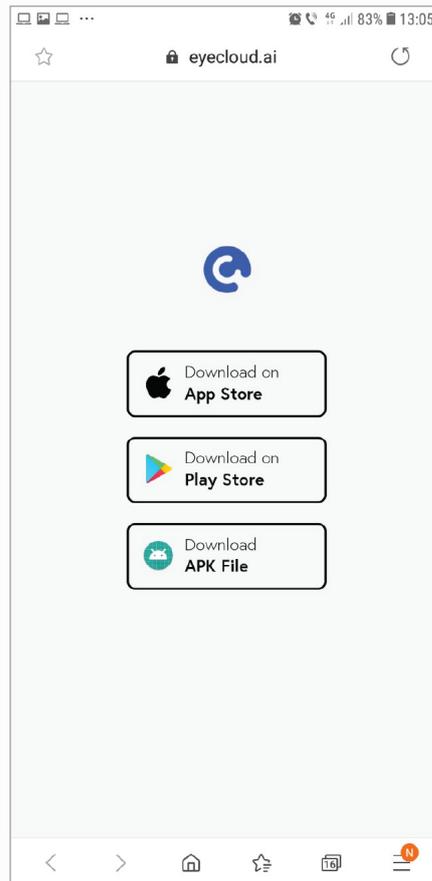
Charging

Battery full

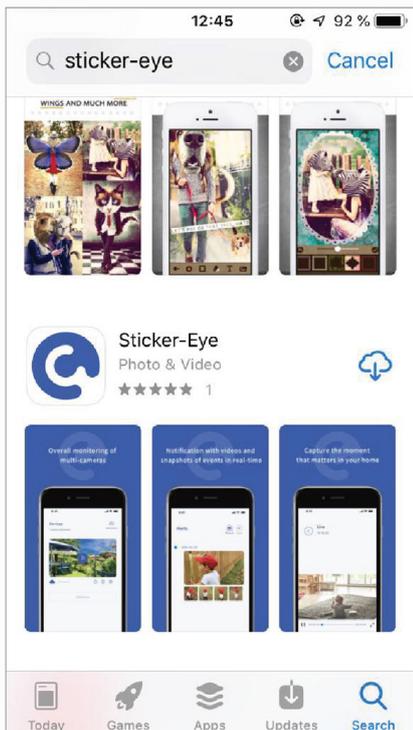
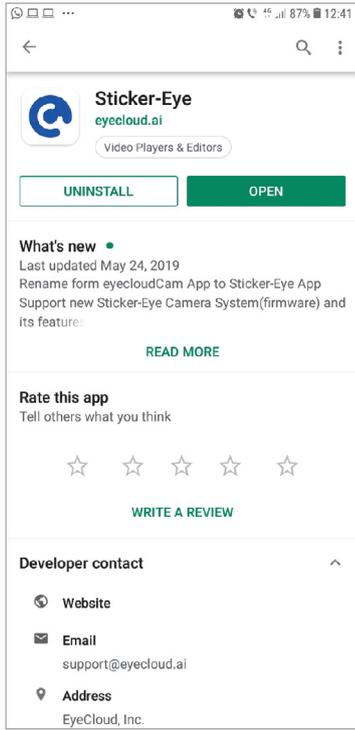
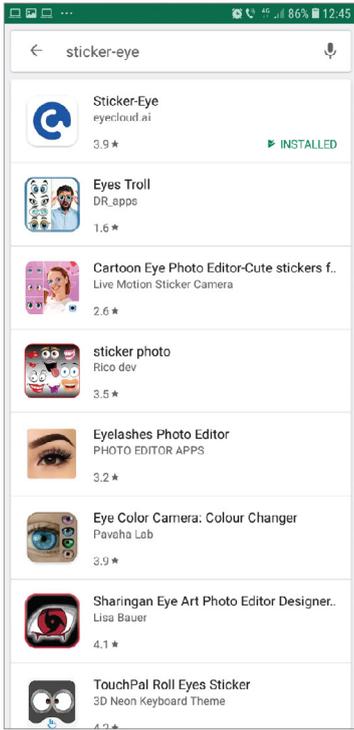
Charger not compatible

2.4 Get the Mobile App

Download the Sticker-Eye app via **App Store** or **Google Play**, or direct download on your smartphone using the **QR code** below:



Download Screen



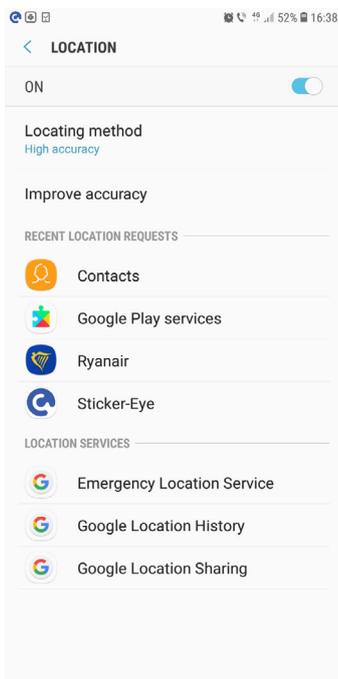
2.5 Register New Account

You can register a new account with your email **or** your phone number.

To register a new account:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap **Register Now** (bottom right corner).
3. Fill in the fields (Region, email/phone number, password, password confirmation).
4. Tap **Continue**.
5. If you registered with your email, you'll get a confirmation code on your email address
6. If you registered with your phone number, you'll get a text message with the confirmation code.
7. Enter the code in the **Code field**.
8. Tap **Register**.
9. You'll be redirected to the **Welcome** screen.
10. Enter your email and password.
11. Press **Login**.

2.6 Add New Camera



Before adding a new camera:

1. Make sure the battery is charged
2. Enable Location Services on your mobile device
3. During setup, make sure your mobile device remains connected to Sticker-Eye's Wi-Fi network

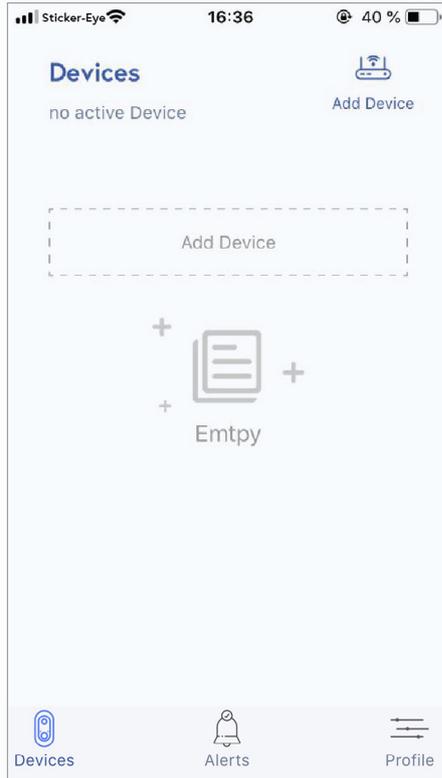
To add new device:

For iOS users:

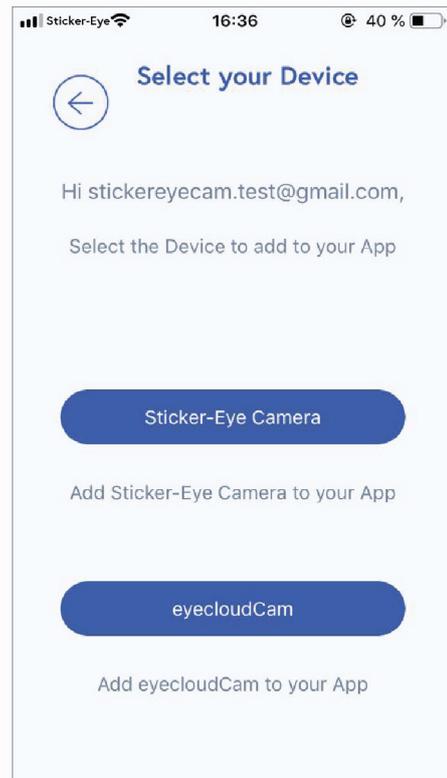
1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Add New Device icon**  on the top-right corner or the **Add New Device button**.
3. Tap the **Sticker-Eye Camera button**
4. Read the Setup Guide and press **Continue**.
5. Press the **main function button on your device** for 1 second, then release.
6. The Blue LED will blink once and you'll hear the voice command: "Pair this camera to your mobile device using the Sticker-eye app". If the Blue LED blinks for 3 seconds, charge your camera first and then restart the pairing process.
7. Check the **round circle** and press **Continue**.
8. Press **Set Wi-Fi**.
9. You'll be redirected to your phone Wi-Fi Settings screen.
10. Select the network name that starts with **Stickereye_** and ends with **the last 6 symbols matching the MAC address printed on the bottom box label**.
11. From the Sticker-Eye camera you'll hear the following voice chime: "Pairing Started".
12. Go back to the Sticker-Eye app and press **Continue**.
13. Select your Wi-Fi network and type the Wi-Fi password.
14. Press **Continue**.
15. Connected!



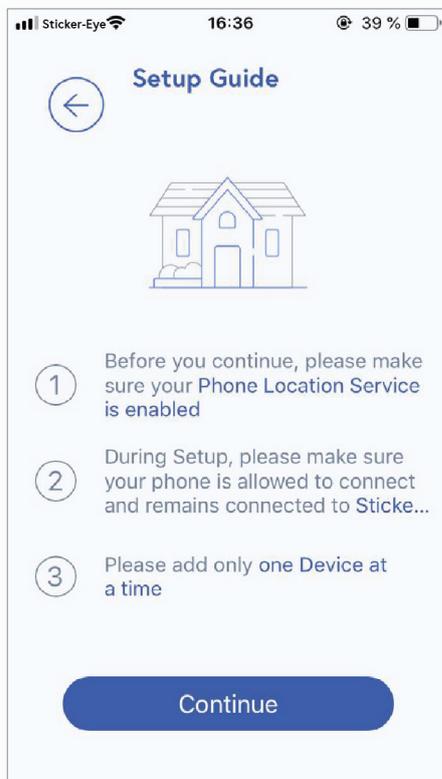
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2



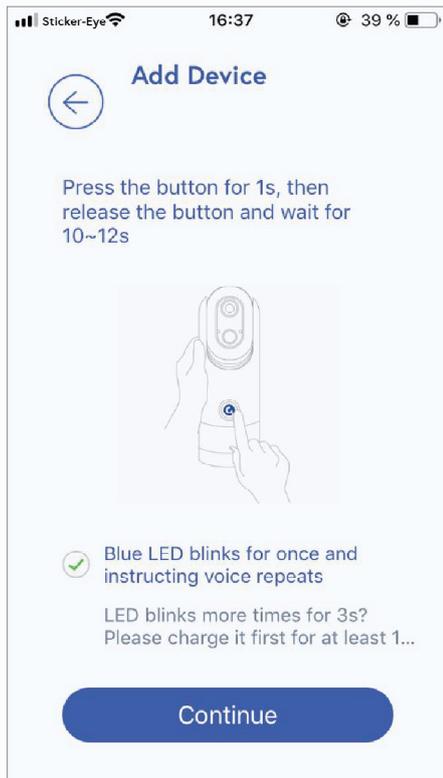
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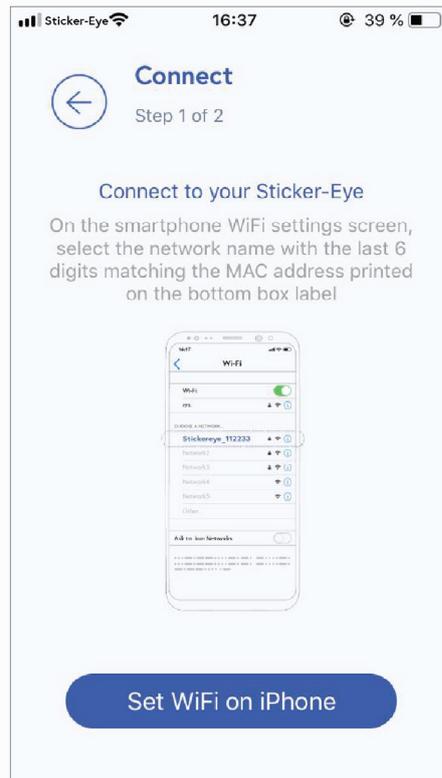
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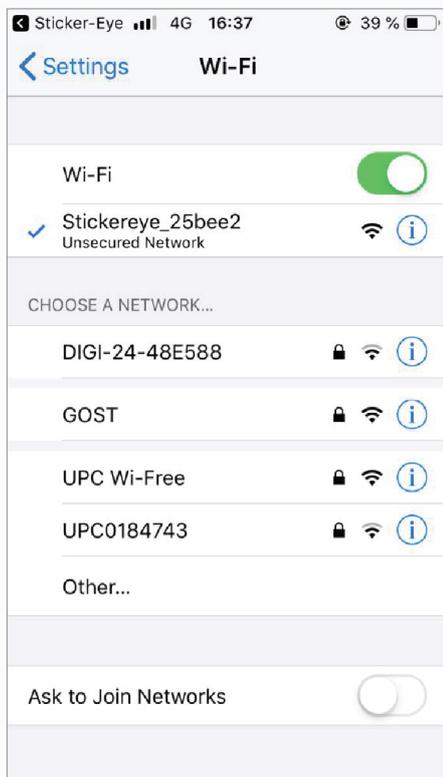
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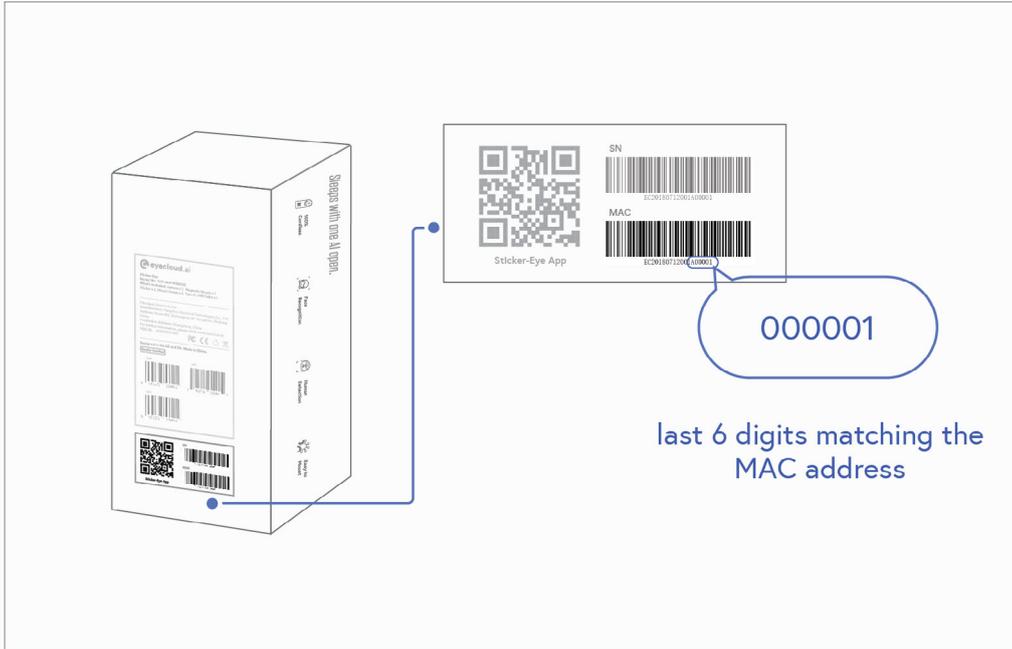
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8



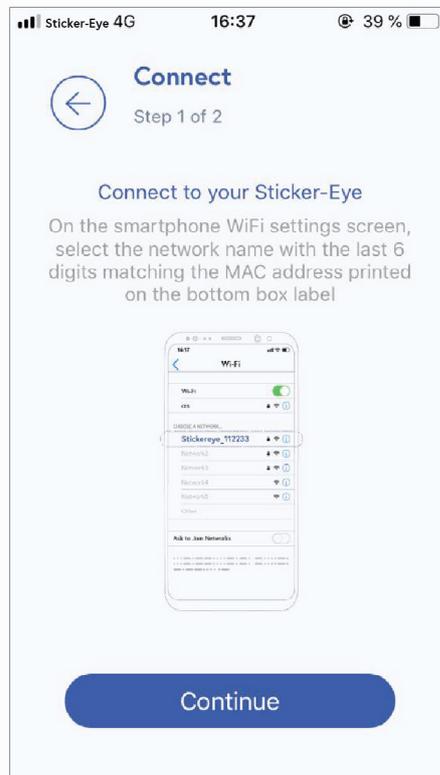
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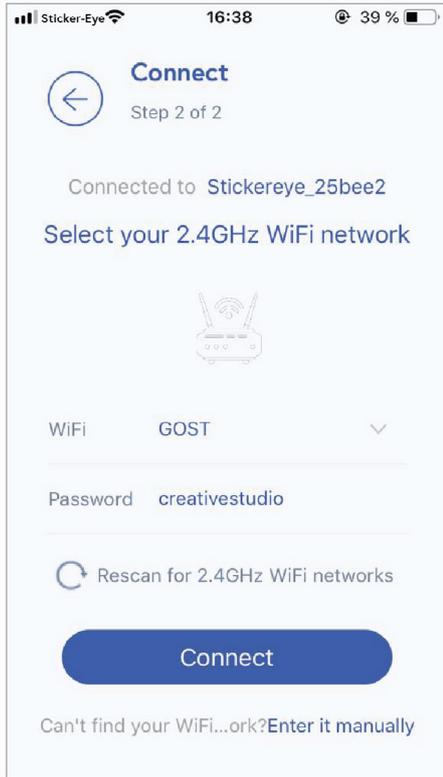
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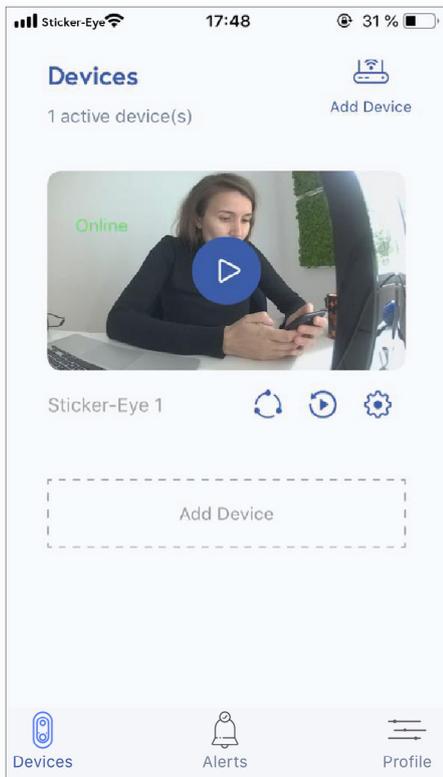
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13



14



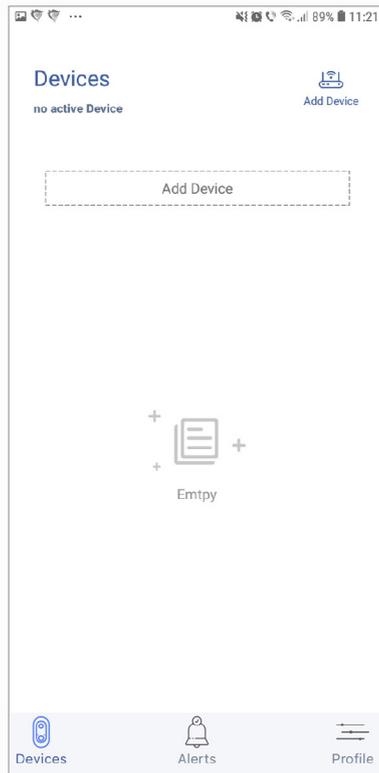
15

For Android Users:

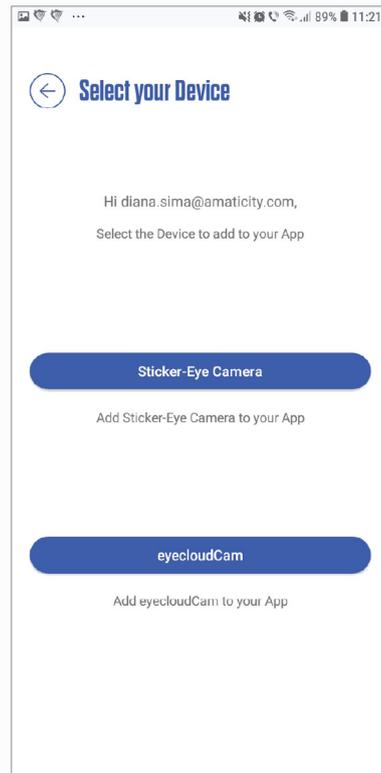
1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Add New Device icon**  on the top-right corner or the **Add New Device button**.
3. Tap the **Sticker-Eye Camera button**.
4. Read the Setup Guide and press **Continue**.
5. Press the **function button on your device** for 1 second, then release.
6. The Blue LED will blink once and you'll hear the voice command: "Pair this camera to your mobile device using the Sticker-eye app". If the Blue LED blinks for 3 seconds, charge your camera first and then restart the pairing process.
7. Check the **round circle** and press **Continue**.
8. From the dropdown list, select the device you want to add.
If the dropdown list contains more than one camera, that means you have more than one camera turned on and ready for pairing. Please select one of them.
9. Check for the device name that starts with **Stickereye_** and ends with the **last 6 symbols matching the MAC address printed on the bottom box label**.
10. From the Sticker-Eye camera you'll hear the following voice chime: "Pairing Started".
11. Select your 2.4 GHz Wi-fi network from the dropdown list and type the Wi-Fi password.
12. Press **Connect** and wait
13. Connected!



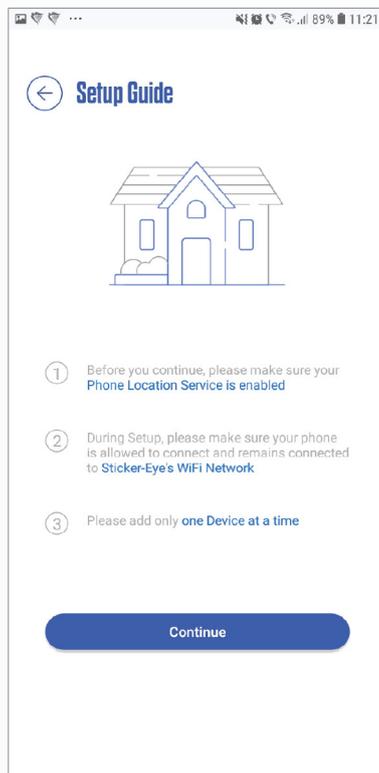
1



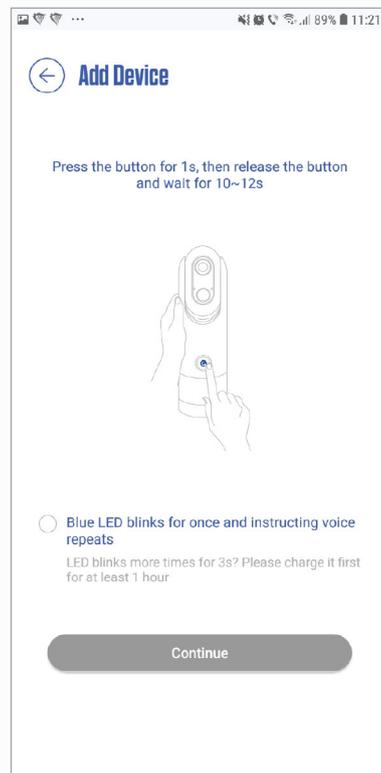
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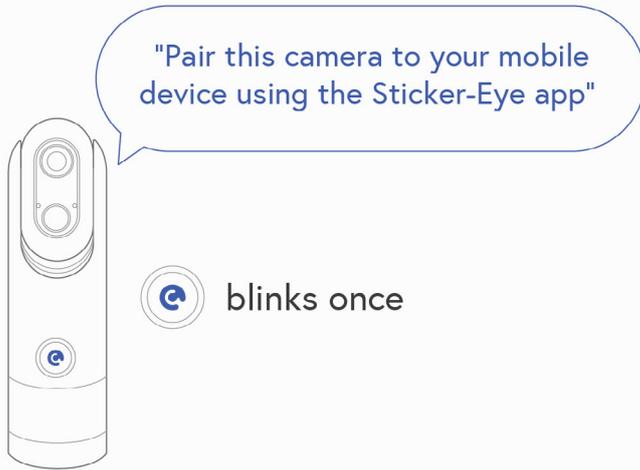
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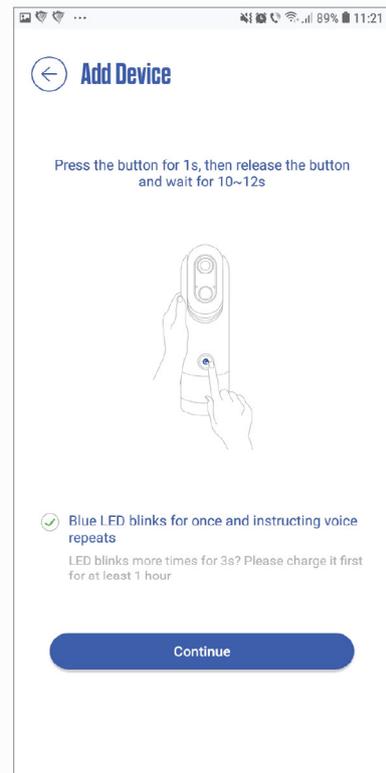
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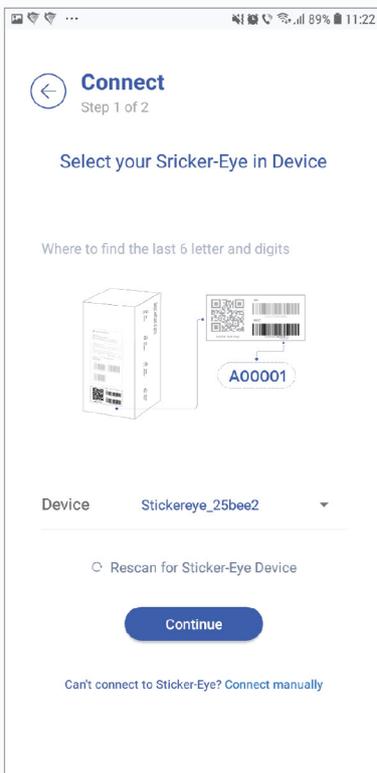
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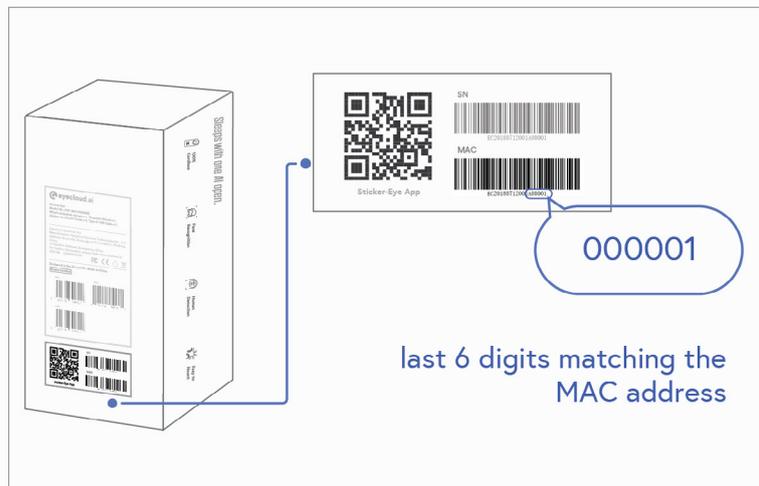
6



7, 8

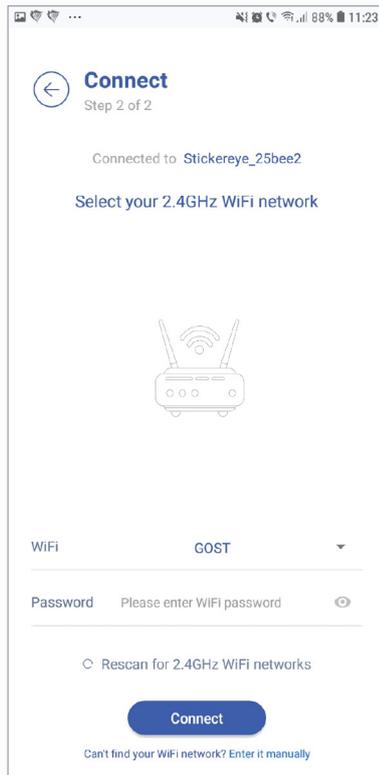


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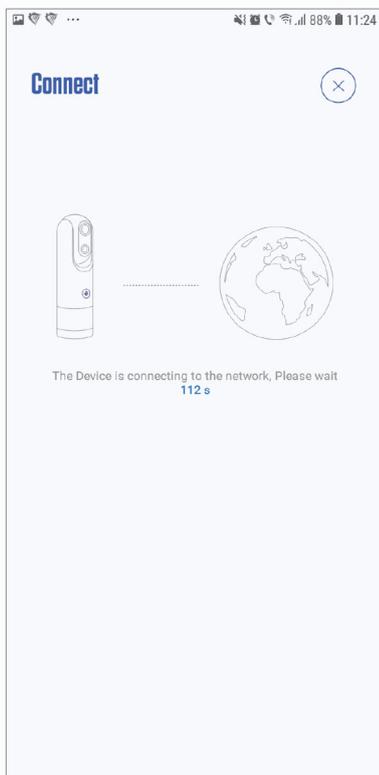




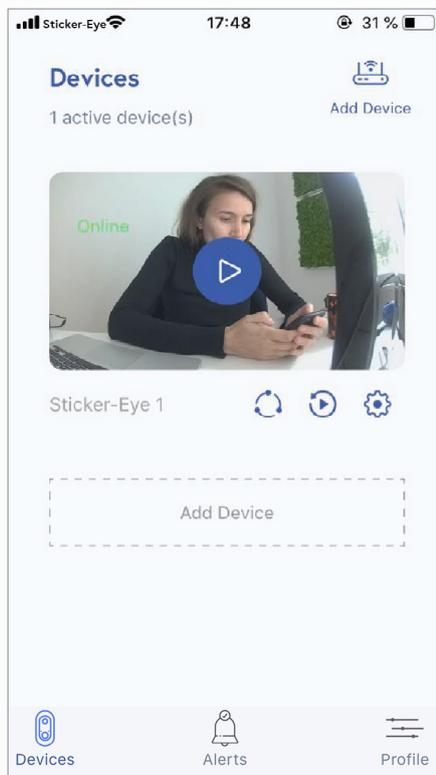
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11



12



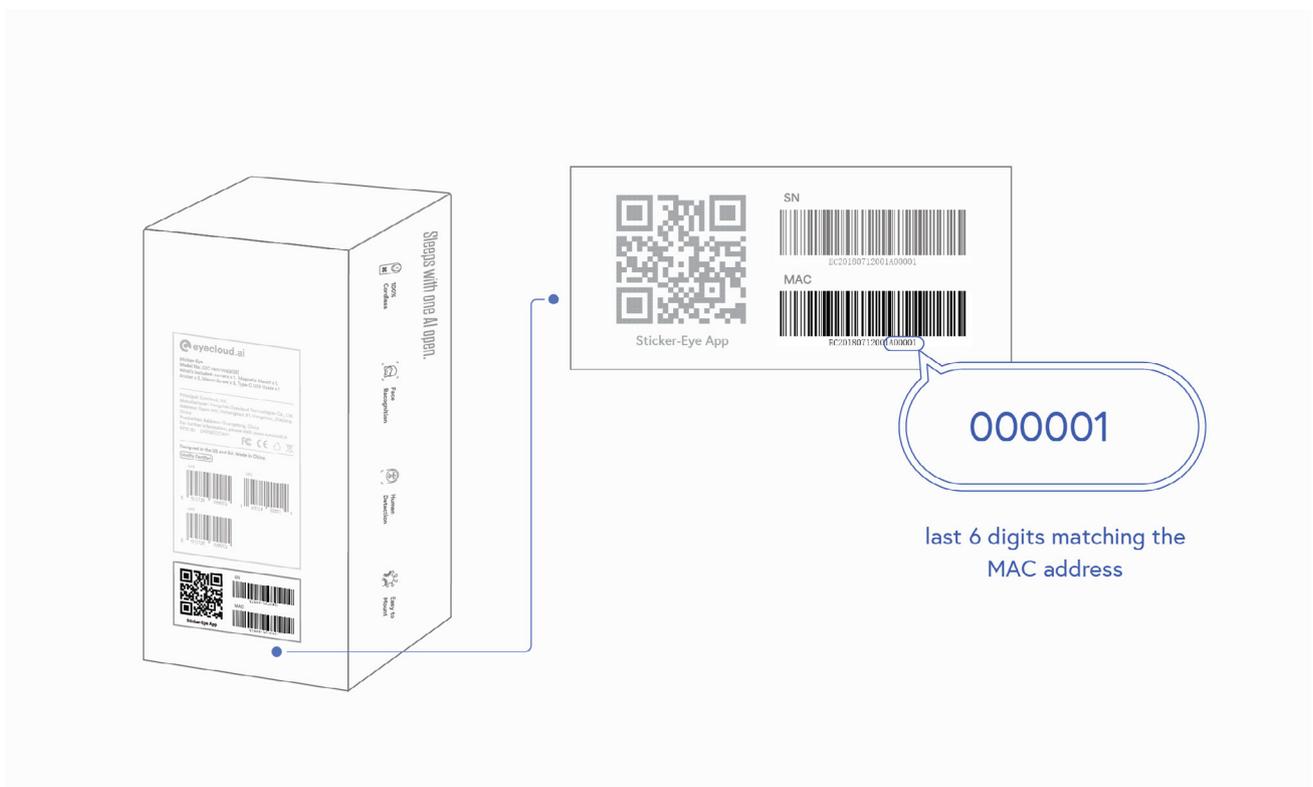
13

Keep in mind:

1. For the Android users: If the Sticker-Eye camera doesn't show up in the Devices List, you can **Connect Manually** by tapping the button on the bottom of the screen.

To do so:

1. Tap **Connect manually**.
2. Press **Continue**.
3. Check for the device name that starts with **Stickereye_** and ends with the **last 6 symbols matching the MAC address printed on the bottom box label**.

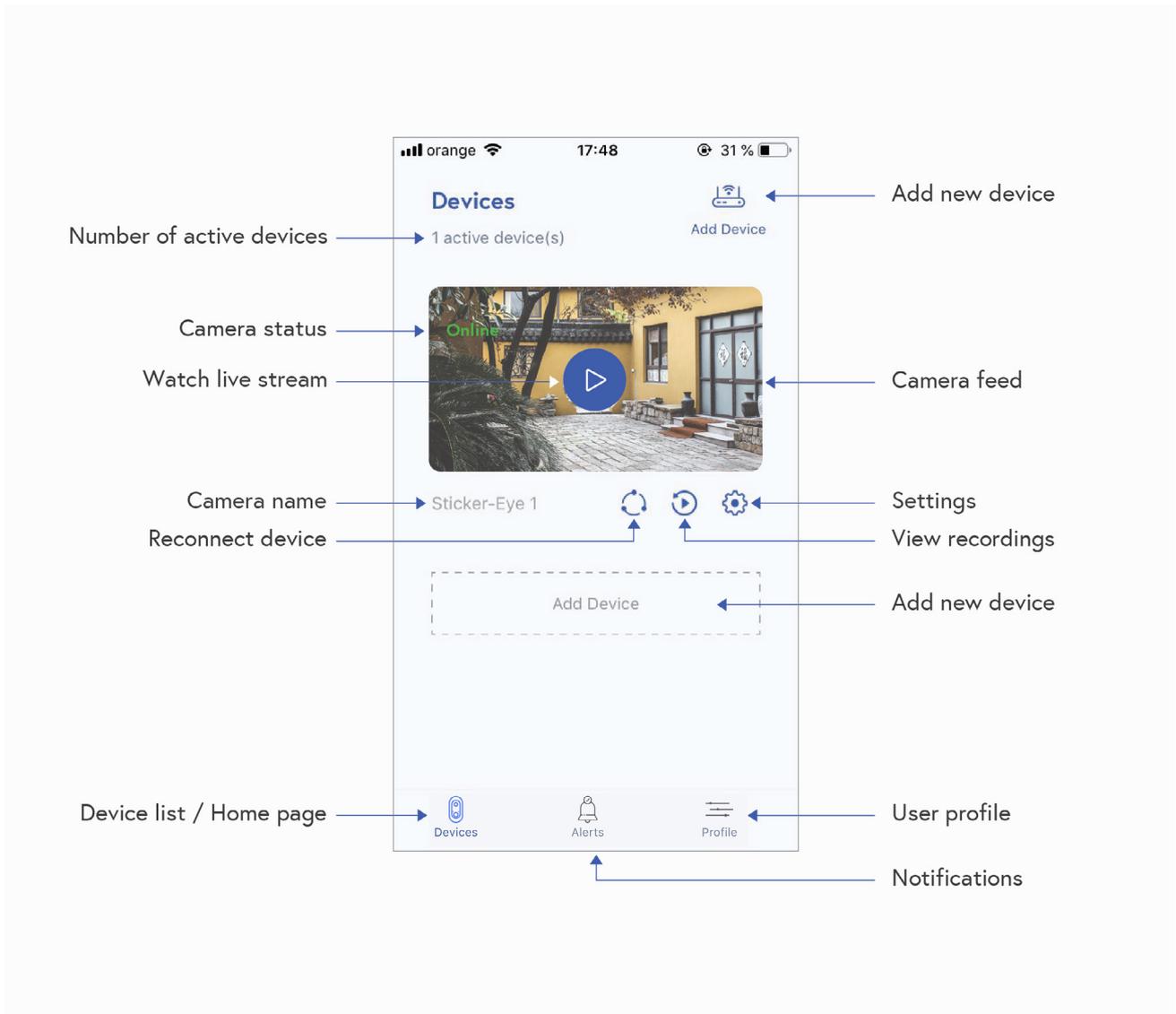


4. Go back to your mobile app and press **Continue**.
5. Select your 2,4 GHz Wi-fi network from the dropdown list and type the Wi-Fi password.
6. Connected!

2. If your Wi-Fi doesn't appear in the dropdown list, you can refresh the network list by tapping **Rescan for 2.4 GHz Wi-Fi networks** on your mobile app or you can enter

it manually by tapping **Enter it manually**. Make sure your Wi-Fi is a 2,4GHz network and **not 5 GHz**.

3. If you choose to enter the Wi-Fi manually, please write the name of the Wi-Fi network, the Wi-Fi password and the Security Protocol. If you're not sure which security protocol should you choose, please select WPA2 (which is the default protocol on most routers, if the password was already set).



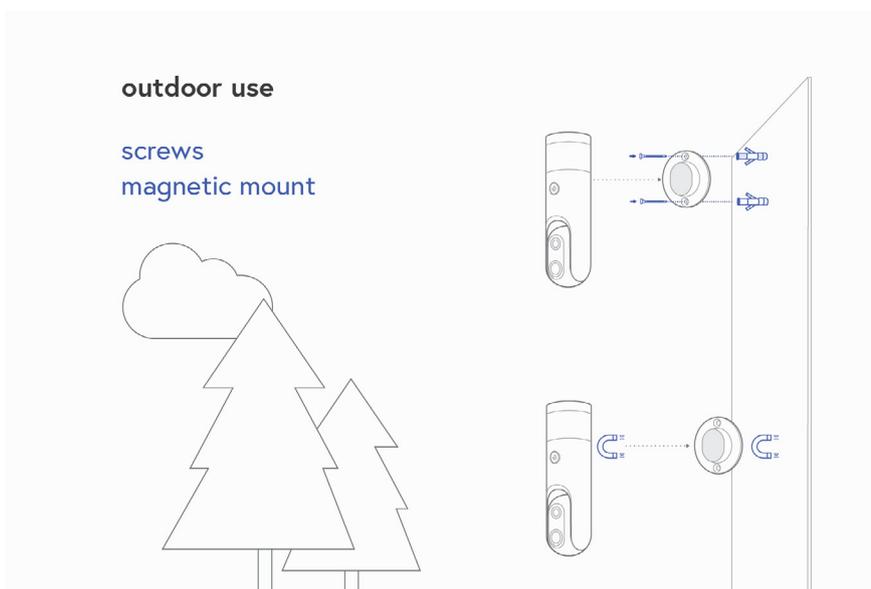
2.7 LEDs Definition

LED	Color and Action	Meaning
	Red	Red LED is always ON while charging.
	Fast blinking Red	Charger not compatible
	LED is off when connected to a charger	The battery is fully charged
	Continuous blinking Blue	A software update is in progress
	Continuous blinking Purple	Device is charging during Software Update
	Fast blinking Blue for 3 seconds	Battery Low
	Blue LED Blinks Once	Device is Powered ON/ Event Detected
	Purple LED Blinks Once	Device is Powered ON/ Event Detected while charging.

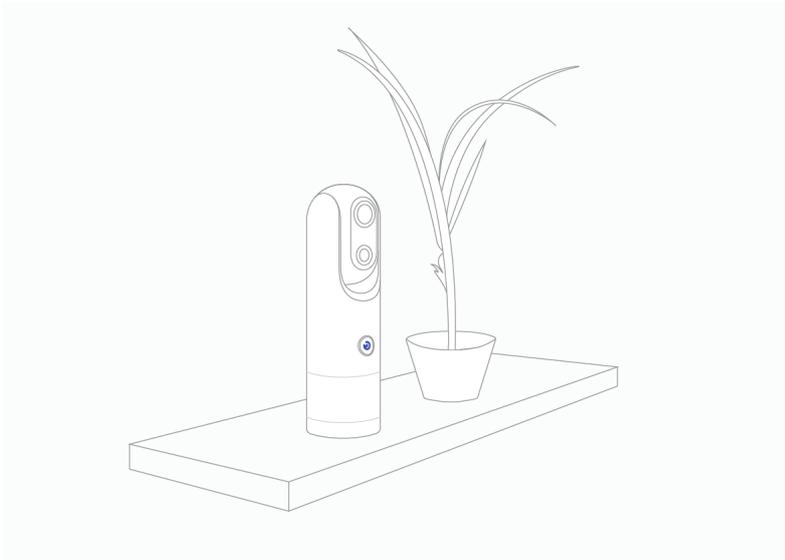
2.8 Mount and Position your Camera

2.8.1 Mounting

Don't use the stickers for outdoor mounting. The temperature, humidity, and other atmospheric conditions might affect the efficiency of the sticker. When mounting the device outside, consider using the magnet mount or the screws.



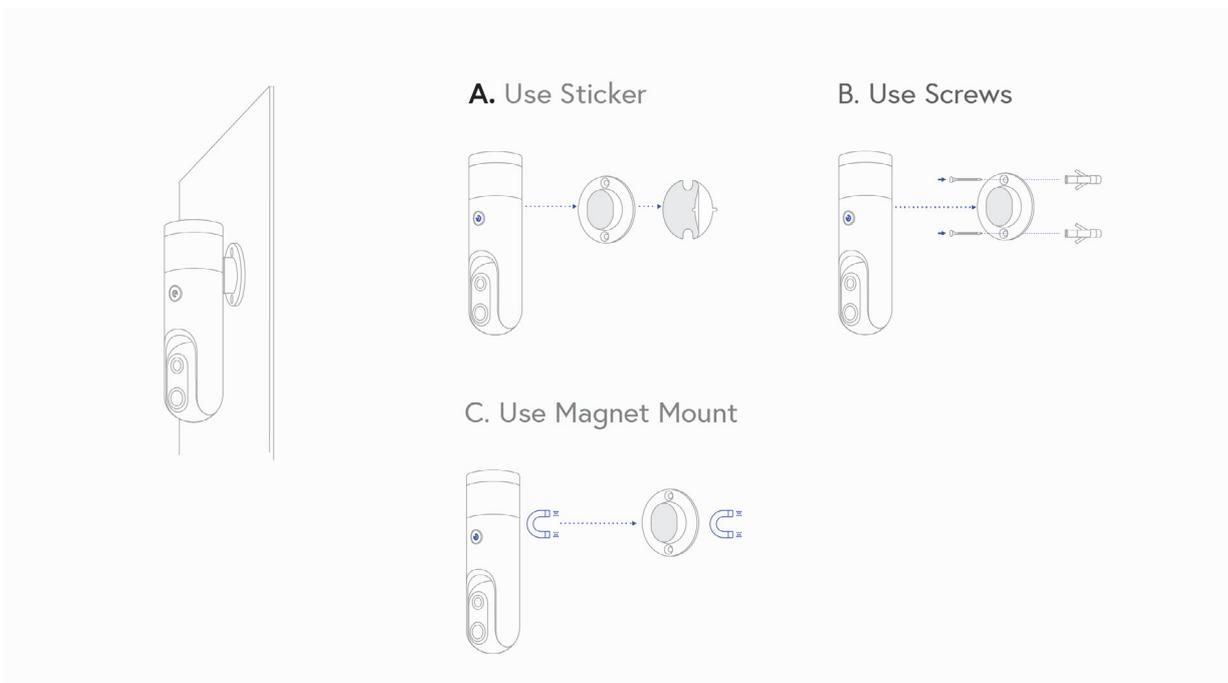
Horizontal Surfaces

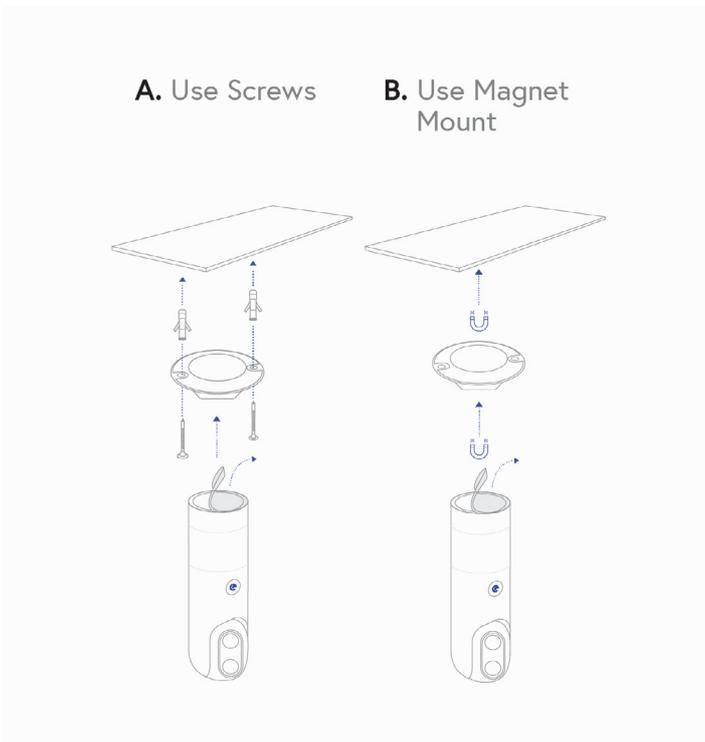


Place the camera on any horizontal surface. That's about that.

Vertical Walls

- a. Use sticker for **indoor purposes only**
- b. Use screws
- c. Use magnet mount for magnetic surfaces





Roofs and Ceilings

- a. Use screws
- b. Use magnet mount

Use the **sticker** only for indoor purposes on those surfaces that you don't want to drill through:

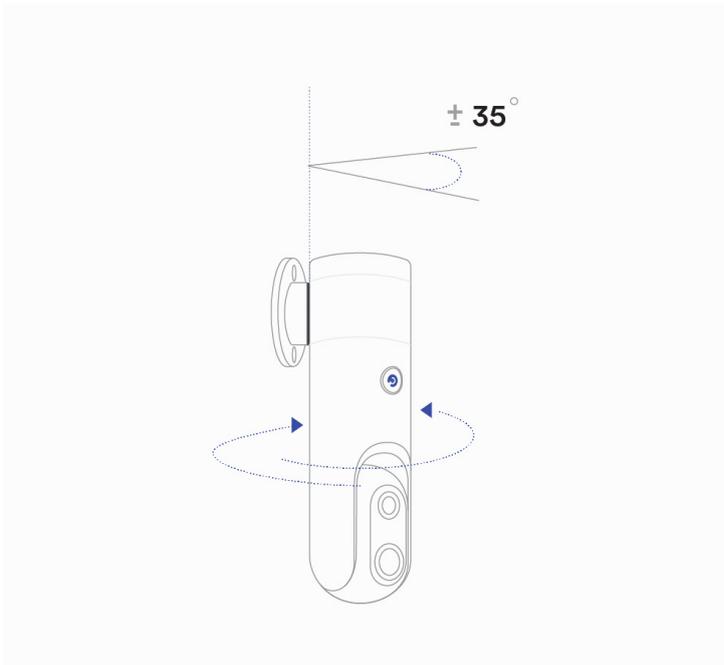
- a. Furniture
- b. Tile
- c. Glass
- d. Interior walls
- e. Exterior walls etc.

Use the **screws** for drillable surfaces:

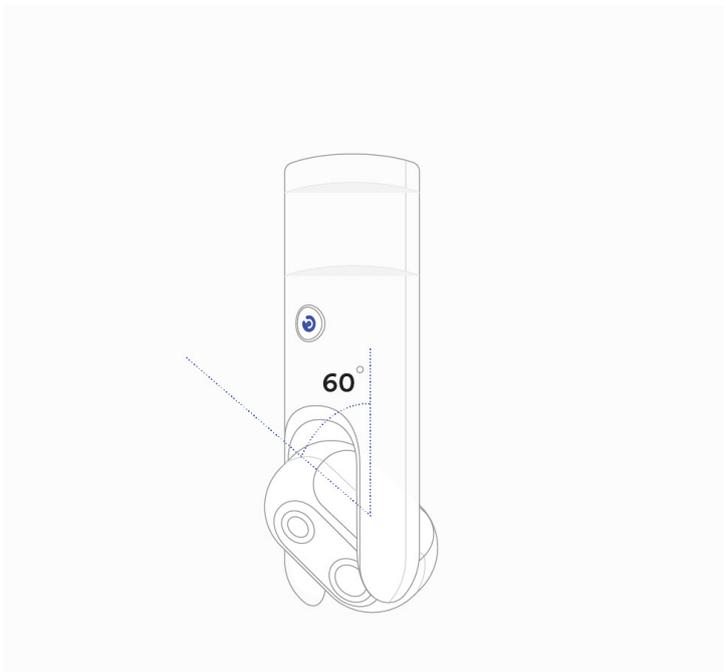
- a. Wood
- b. Interior walls
- c. Exterior walls (cement, bricks) etc.

Use the **magnetic mount** for strong magnetic surfaces

2.8.2 Adjust the Monitoring Range

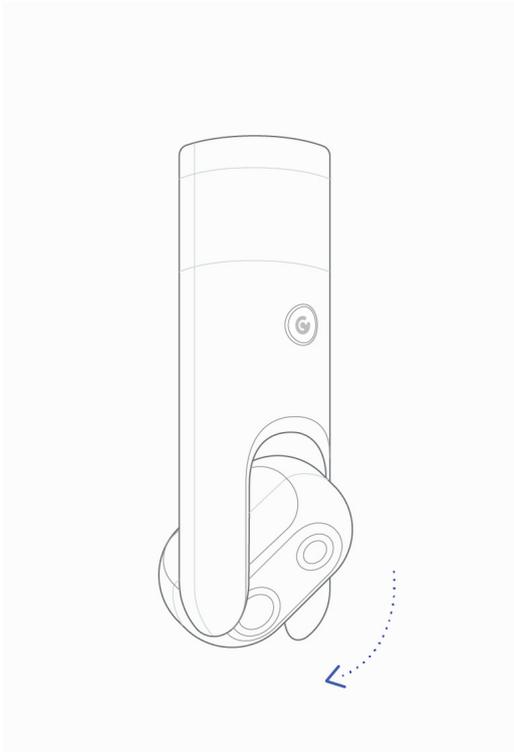


Rotate the camera body to adjust the horizontal range.



Rotate the camera head to adjust the vertical monitoring range.

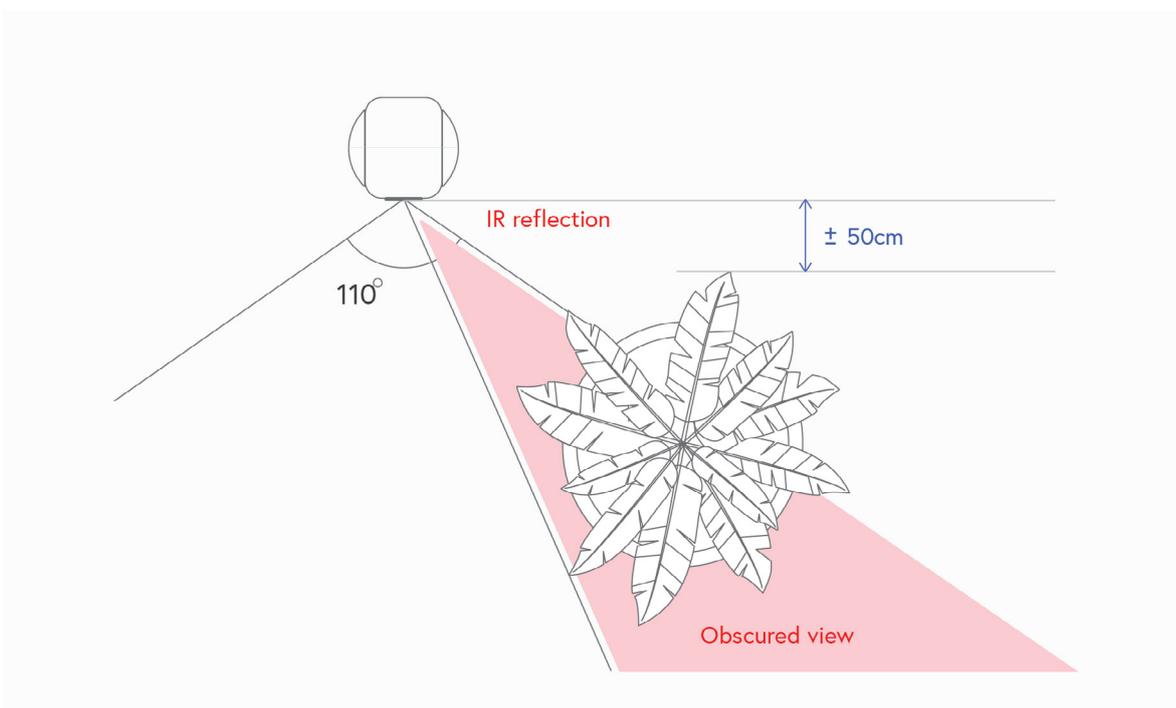
2.8.3 Mounting Tips & Tricks



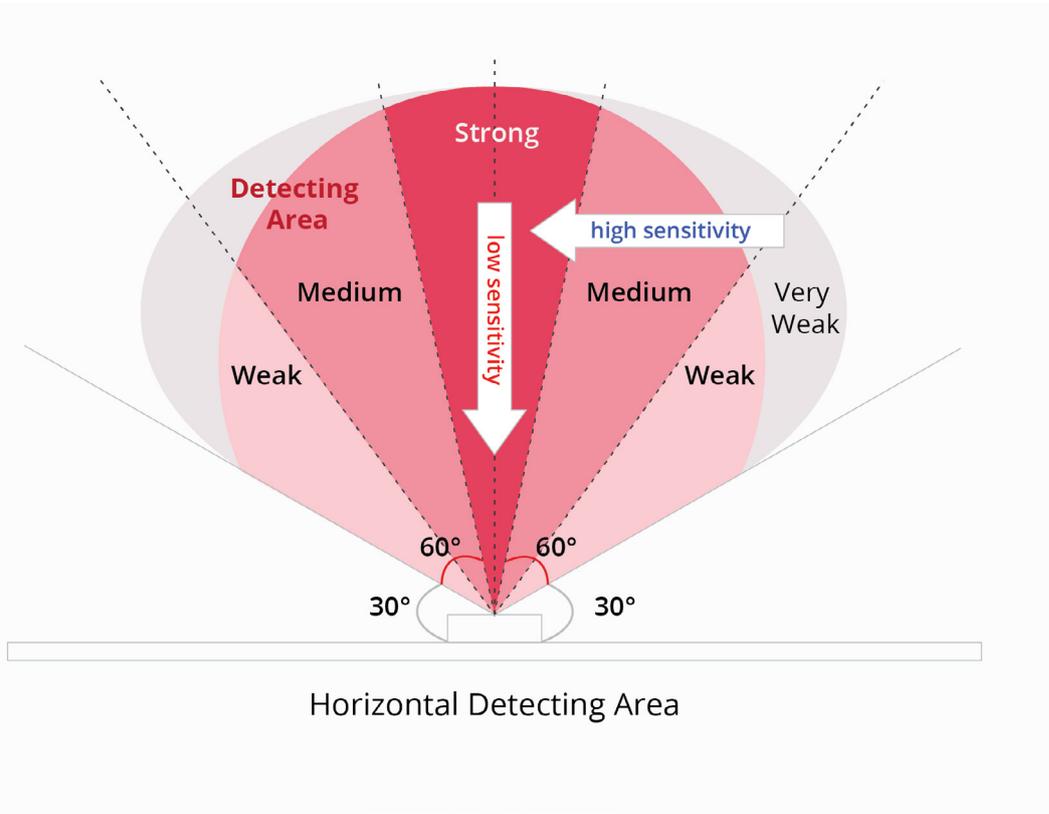
1. If you mount Sticker-Eye between 6 and 12 feet high (between 2 and 3.5 meters), aim it slightly downward for better person detection and face recognition.

2. Positioning the device higher than 13 feet (4 meters) might affect person detection and face recognition.

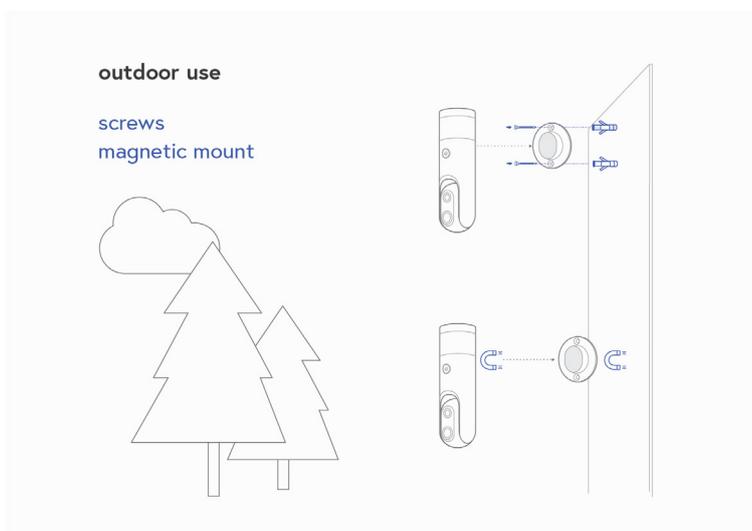
3. Sticker-Eye provides a 110-degree horizontal view. Placing objects close to the camera (at a distance of approximately 20 inches/50 cm) might obscure its field of view. Also, the night vision might be affected and the images might turn out blurry because of the IR reflection. Adjust the position of the camera until you get a clear image.



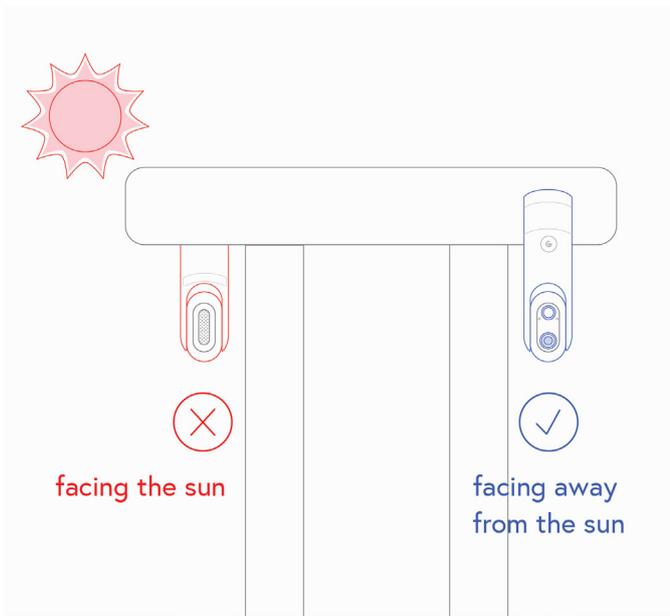
4. Sticker-Eye detects movement or people up to 20 feet (6 meters) away. The motion sensor is much more sensitive to side-to-side movement across its field of view, and less sensitive to movement directly toward or away from the camera.



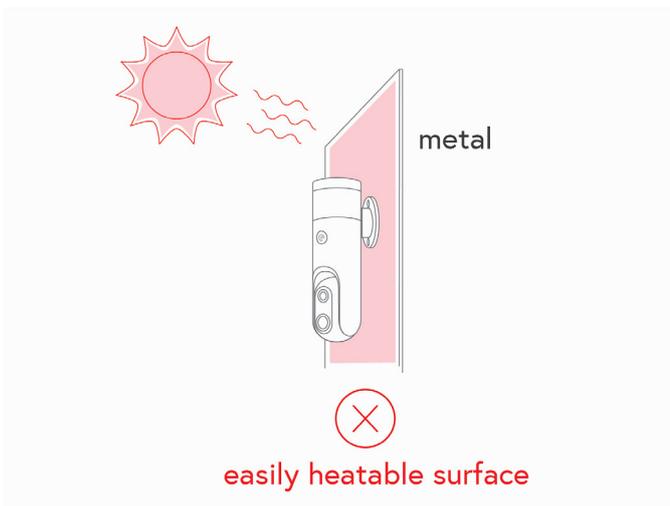
2.8.4 Outdoor Practices



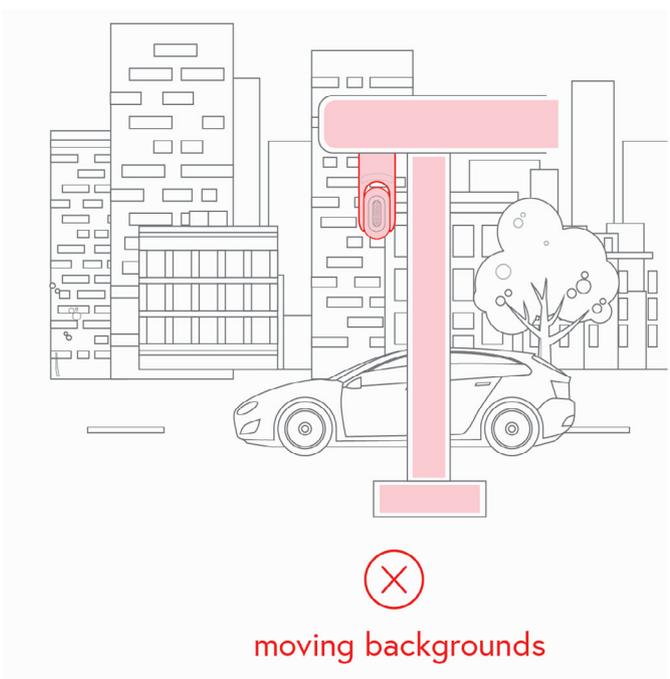
a. Use the screws and/or magnetic mount



b. To avoid false wake-ups, don't place the camera in direct sunlight.



c. Don't mount the camera on surfaces that can easily heat up (metal surfaces exposed to the sun)



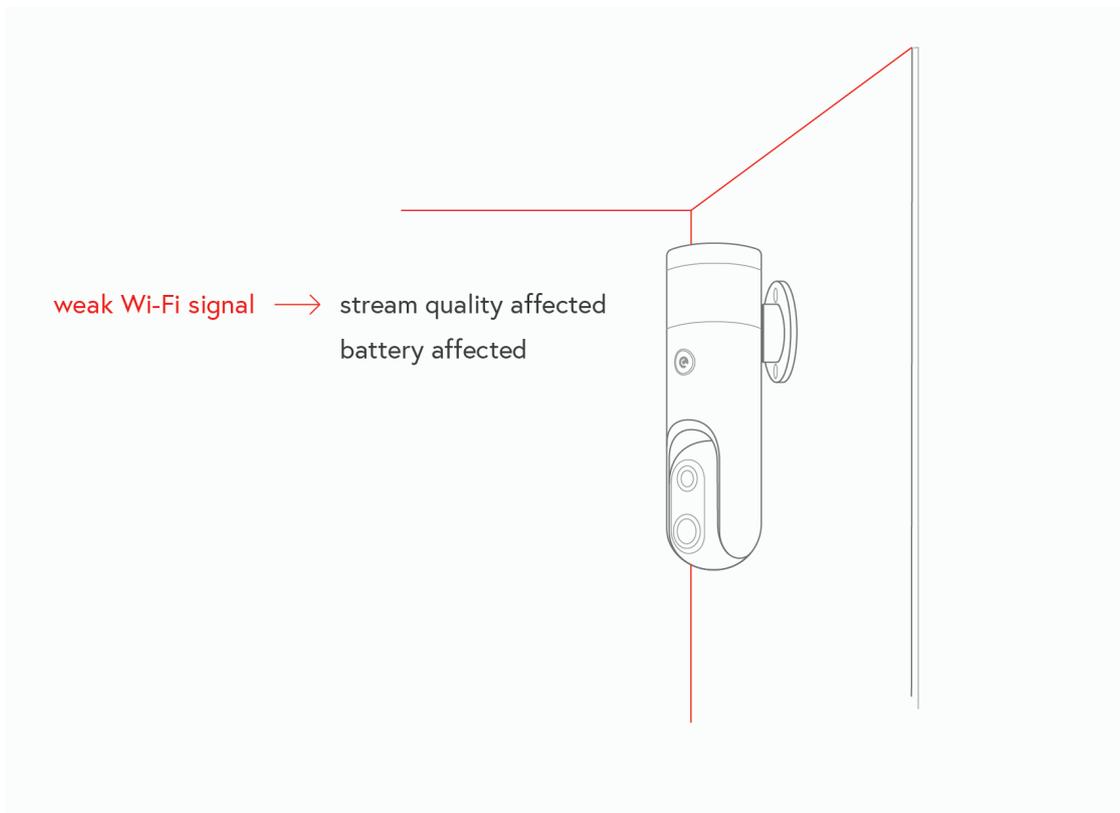
d. Don't point the camera towards moving backgrounds that can easily trigger it. (such as traffic, vegetation, swimming pools, other surfaces that reflect the sunlight etc.). Even with Person Detection enabled, Sticker-Eye will always exit standby mode because of the moving background and will start searching for people. If it doesn't find anyone, the camera won't send you notifications and will enter standby mode again until next detected motion. This will lead to a quicker battery drain.

2.8.5 Indoor Practices

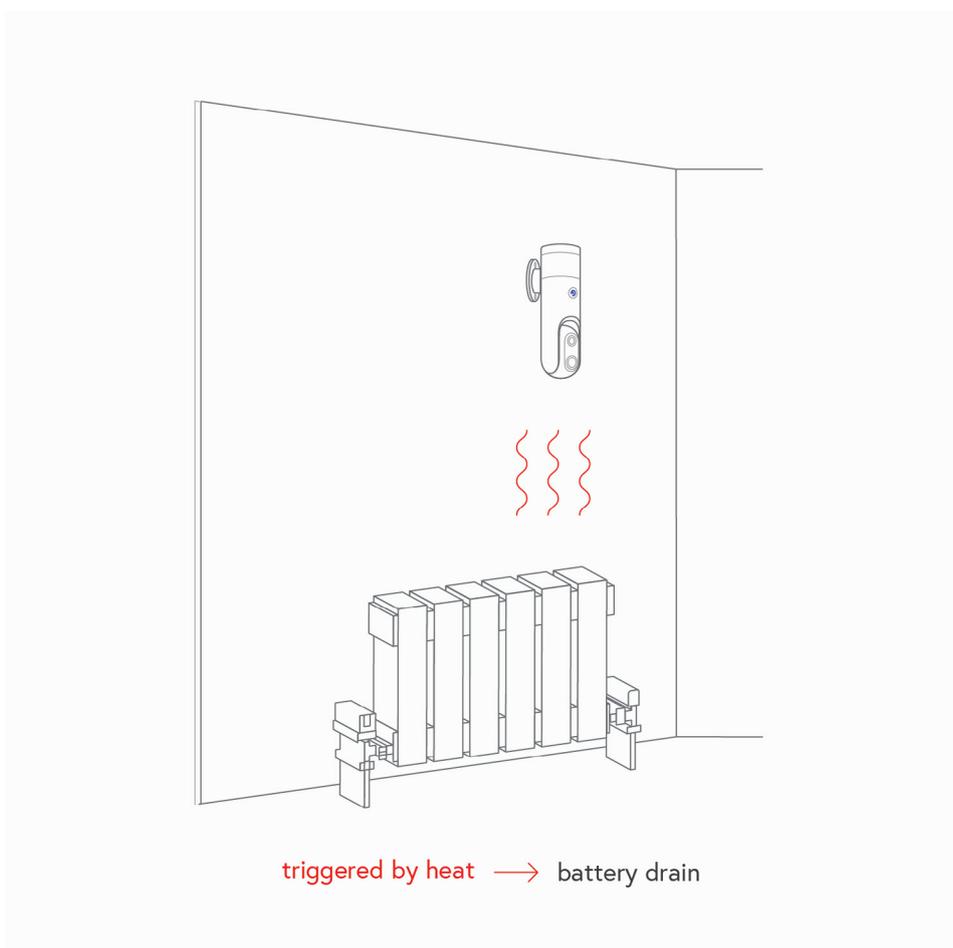
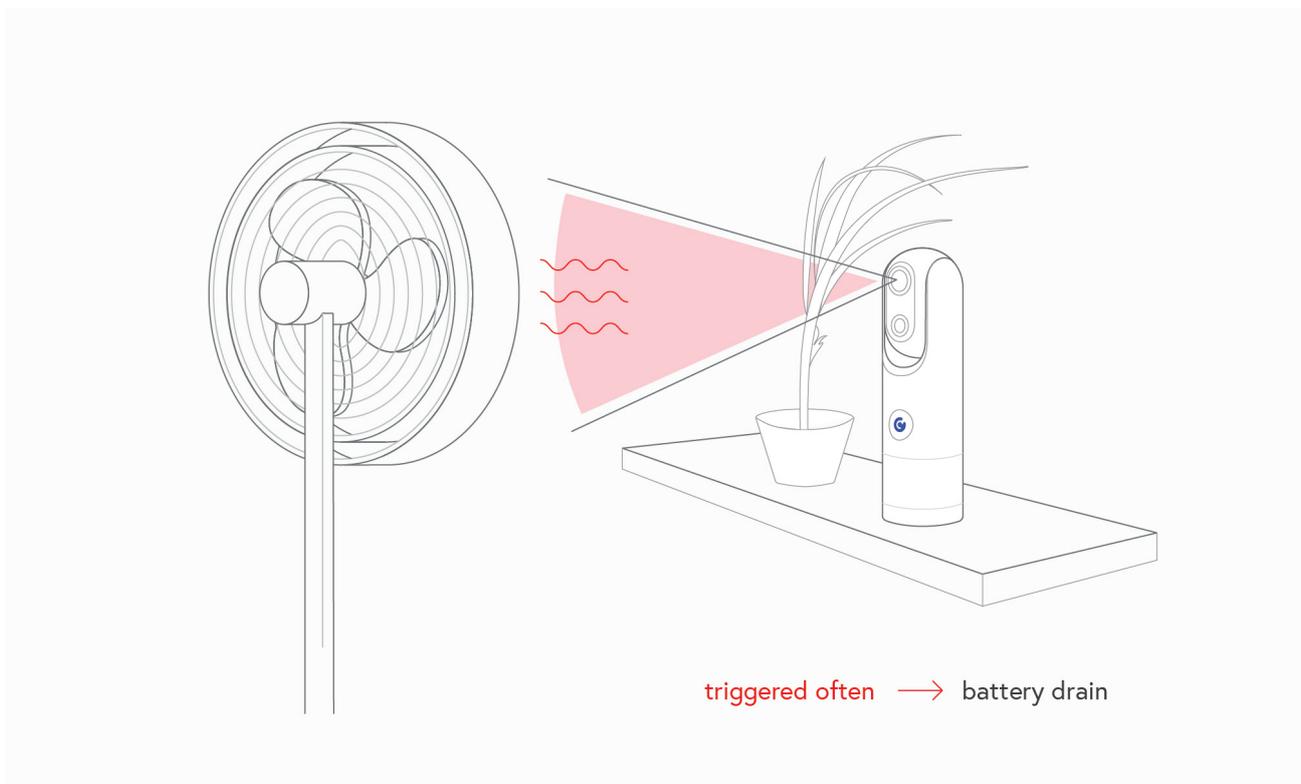


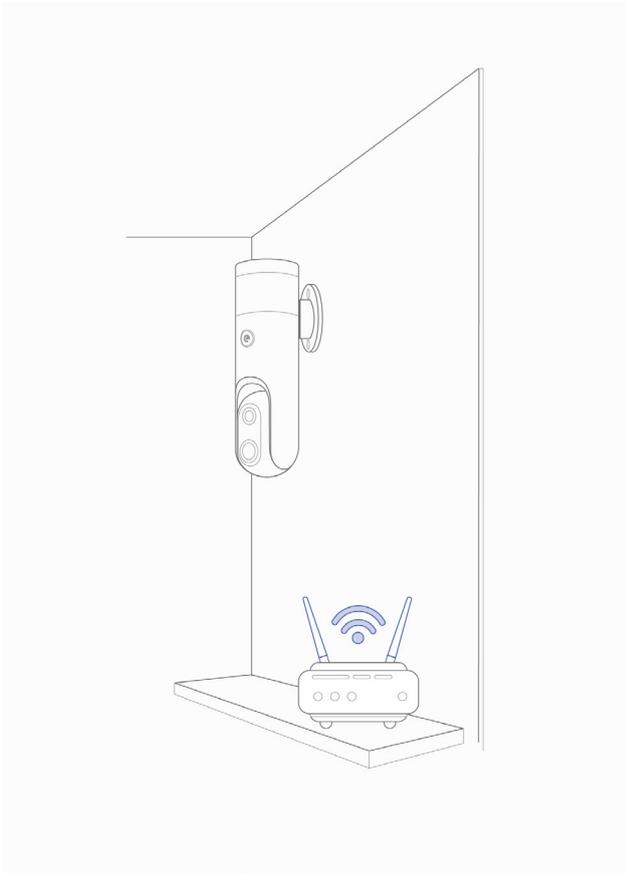
a. The camera cannot properly detect events through the glass. Don't place it behind or facing a window/glass

b. Avoid placing the camera in room corners. Since room corners are surrounded by walls, these places usually have a weak Wi-Fi signal reception. Low Wi-Fi will affect both the streaming quality and battery lifetime.



c. Avoid placing the camera towards air conditioning ducts, fans or heaters. Heat or differential heat might trigger the device more often, leading to quick battery discharge.





d. Place your device in the proximity of a wireless router or a Wi-Fi repeater. For best performance, make sure you have full signal strength (see 2.9.2).

2.9 Wi-Fi Reconfiguration

If you want to connect your camera to a different Wi-Fi network, you can perform a Wi-Fi reconfiguration.

2.9.1 How to reconfigure your Wi-Fi

For iOS users:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Reconnect icon**  associated with the device you want to reconfigure.
4. Long press the main button on the camera for 5-8 seconds.

5. Release the button and wait for 10-15 seconds.
6. The Blue LED will blink once and you'll hear the voice command: "Pair this camera to your mobile device using the Sticker-eye app". If the Blue LED blinks for 3 seconds, you need to charge your camera first and then restart the pairing process.
7. Check the **round circle** and press **Continue**.
8. Press **Set Wi-Fi**.
9. You'll be redirected to your phone Wi-Fi Settings screen.
10. Select the network name that starts with **Stickereye_** and ends with **the last 6 symbols matching the MAC address printed on the bottom box label**.
11. From the Sticker-Eye camera you'll hear the following voice chime: "Pairing Started".
12. Go back to the Sticker-Eye app and press **Continue**.
13. Select your Wi-Fi network and type the Wi-Fi password.
14. Press **Continue**.
15. Pairing Successful!

For Android Users:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Reconnect icon**  associated with the device you want to reconfigure.
4. Long press the main button on the camera for 5-8 seconds.
5. Release the button and wait for 10-15 seconds
6. The Blue LED will blink once and you'll hear the voice command: "Pair this camera to your mobile device using the Sticker-eye app". If the Blue LED blinks for 3 seconds, you need to charge your camera first and then restart the pairing process.
7. Check the **round circle** and press **Continue**

8. From the dropdown list, select the device you want to add.

If the dropdown list contains more than one camera, that means you have more than one camera turned on and ready for pairing. Please select one of them.

9. Check for the device name that starts with **Stickereye_** and ends with the **last 6 symbols matching the MAC address printed on the bottom box label**.

10. From the Sticker-Eye camera you'll hear the following voice chime: **"Pairing Started"**.

11. Select your 2.4 GHz Wi-fi network from the dropdown list and type the Wi-Fi password.

11. Press **Continue**

12. Pairing Successful!

2.9.2 Check Your Wi-Fi Signal

To check the Wi-Fi signal:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Press the **Device Settings icon**  associated with the device you want to check out.
3. Check the **Wi-Fi signal bar**  located below the name of your device.



low performance



best performance

Keep in mind:

If the **Wi-Fi goes down**, the camera will still be working as per usual. The detection modes won't be affected whatsoever. Sticker-Eye will still be able to record events and store them locally, but **won't send you notifications**.

However, if the Wi-Fi is poor, the playback might look choppy. We recommend you to download the video to your phone first, and then play it.

Once the camera gets back online, the user will be able to access all recordings via Playback (see Chapter 5, Section 5.1.2).

2.10 System Upgrade

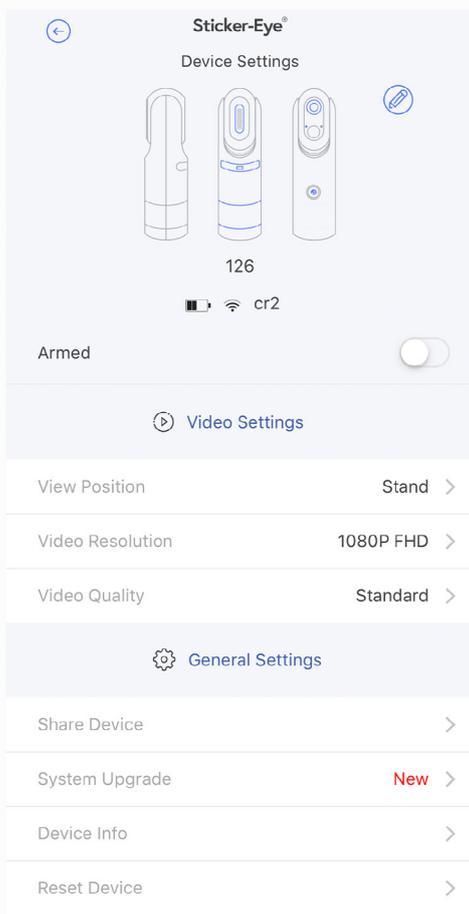
System upgrades are available for each device connected to your account and can be performed only by the Master Account. System upgrades include bug fixes, software improvements, new features. We strongly recommend to always use the latest firmware version.

There are several ways to **check** if your device needs a system upgrade:

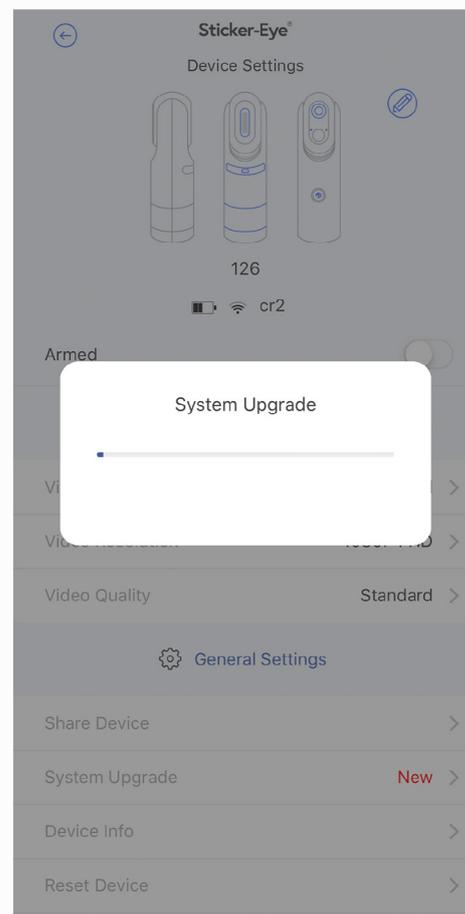
- a. Tap the **Sticker-Eye icon**  on your mobile device.
- b. Press the **Sticker-Eye logo**  (bottom left corner).
- c. Each device has its own device settings panel.
- d. Tap the **Device Settings icon**  for the device you want to check out.
- e. Tap on the **System Upgrade** tab under the **General Settings**  menu.
- f. If you're using the latest version of the Device System, you'll receive the following pop-up message: **This Device System version is already the latest version.**
- g. If a new system upgrade is available, next to the tab will appear the message: "New"

To **perform** a system upgrade, follow the next steps:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Press the **Device Settings icon**  associated with the device you want to update.
3. Tap on the **System Upgrade** tab under the **General Settings**  menu.
4. The phone screen will display a **Loading symbol** 
5. During the update process, the **Blue LED** on the camera will be blinking. If the device is **charging** during system update, the LED will start blinking **Purple**.
6. Depending on the internet connection, the update will take approximately **2-4 minutes**.



New version



Upgrade Process

3. Battery & Recharging

3.1 General Information

The battery bars indicate battery capacity.



To see the battery level of a device:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to check out.
4. Press the **Device Info** tab.
5. See battery level.

3.2 Battery Life

In normal conditions*, the battery life of Sticker-eye is about **two months**.

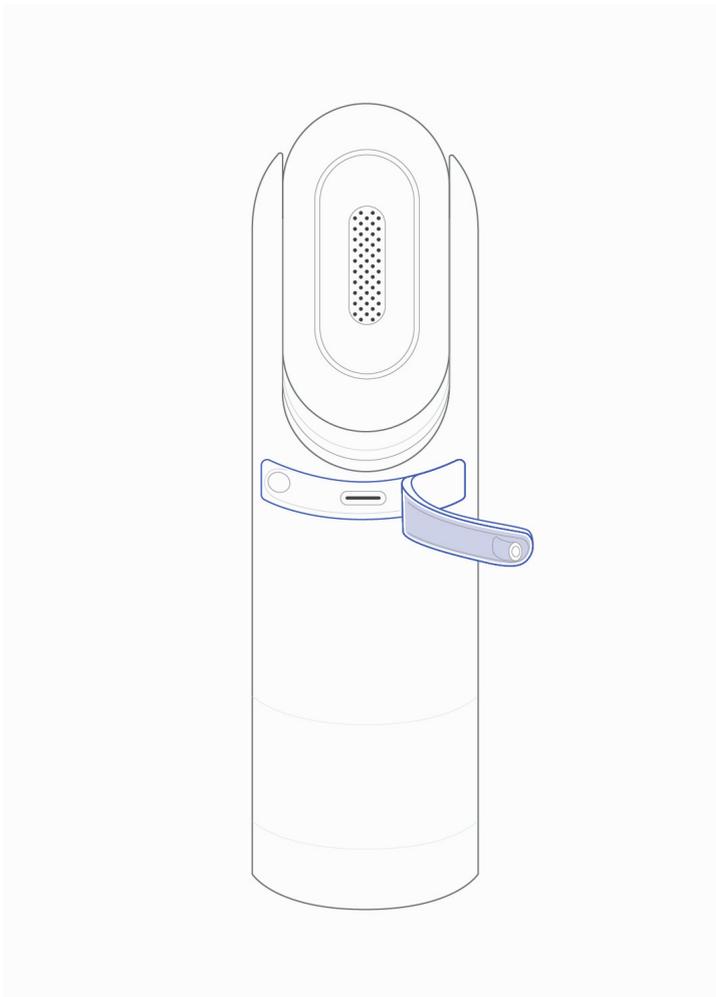
Normal Conditions:

10-15 recordings/day with low false wake-ups. False wake-ups usually happen when the camera is configured to detect persons only but is triggered by objects that resemble people.

3.3 Recharging

If the main button is continuously blinking Red for 3 seconds, you need to charge your Sticker-Eye camera.

To charge the battery, remove the rubber cover located at the back of the device. Use a minimum 2A USB charger.



Charging time

During charging, the Red LED is always on.

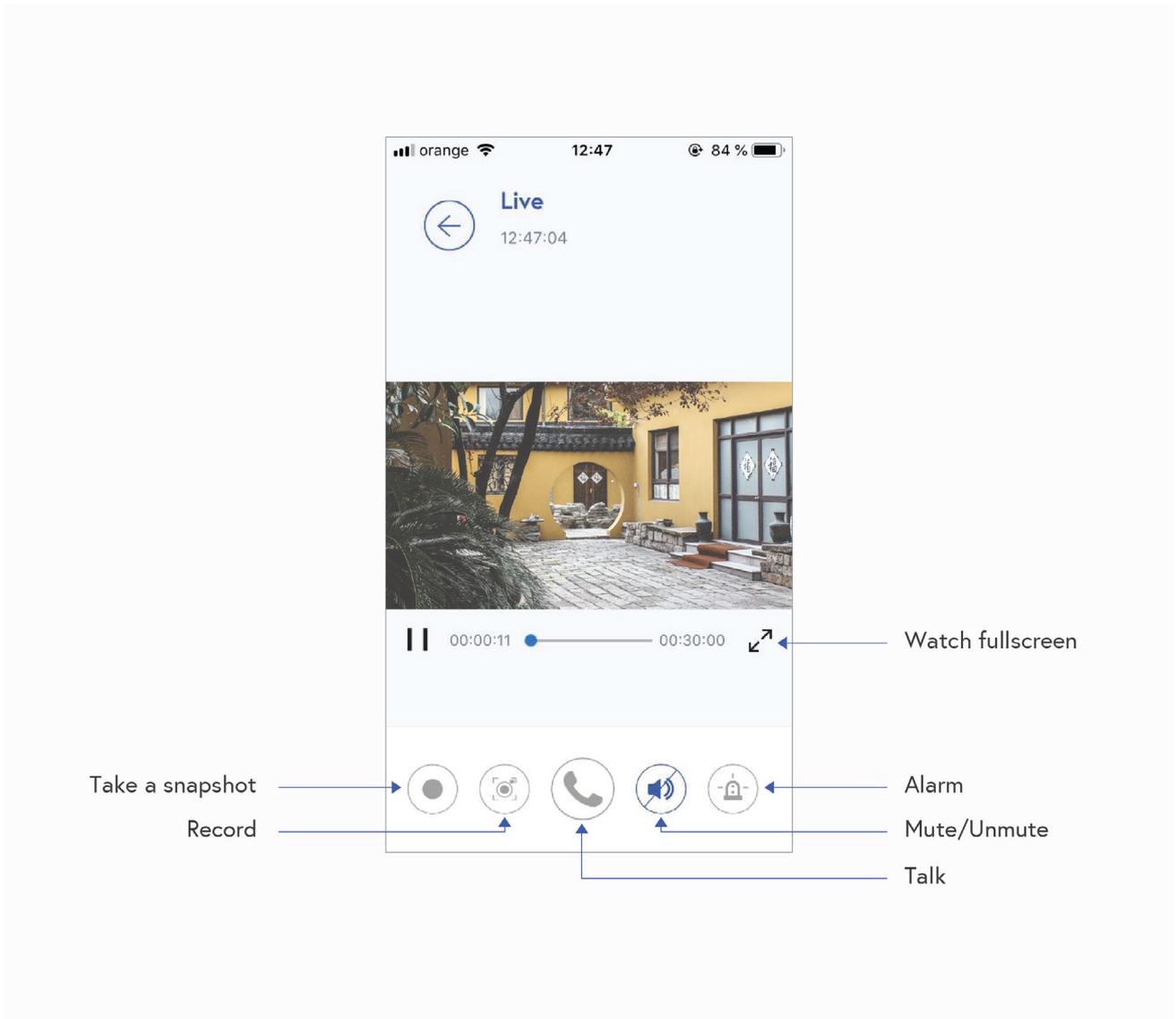
If the charger is not compatible, the RED LED will start blinking.

When the battery is fully charged, the LED will turn OFF.

3.4 Battery Tips and Tricks

1. Avoid placing the camera in very low-temperature conditions. The battery drains faster in cold weather.
2. Avoid placing the camera towards air conditioning ducts, fans or heaters. Heat or differential heat might trigger the device more often, leading to quick battery discharge.
3. Make sure you are running the latest version of the firmware.
4. Reduce the number of unwanted alerts: don't point the camera towards moving or cluttered backgrounds that can easily trigger Sticker-Eye.
5. If you are unable to position it elsewhere than facing a moving/cluttered background, reduce motion sensitivity.
6. Position your camera as smart as possible (See Chapter 2, Section 2.8).
7. "Don't charge the camera outside during rain".

4. Live Streaming



4.1 Watch a Live Stream

The maximum duration of a live streaming session is 30 minutes. When watching a live stream, you can zoom in or out.

To keep the frame rate as high as possible when the Wi-Fi is low on quality and signal strength, Sticker-Eye will automatically switch from a higher encoding rate to a lower encoding rate.

To watch a live stream:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. To watch a live stream, press the **Play button**  on the camera feed image.
4. To stop viewing the live feed, press **Back** .

Keep in mind:

If the Wi-Fi is weak, Sticker-Eye will reduce the frame rate and the encoding bit rate to keep the frame at a good quality level.

4.2 Record a Video from Live Stream

To record a video from live stream:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Select the camera you want to record from by pressing the **Play button**  on the camera feed image.
4. Tap the **Record icon**  to start/stop recording.

4.3 Take a Snapshot from Live Stream

To take a snapshot from live stream:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.

3. Select the camera you want to take a snapshot from by pressing the **Play button**  on the camera feed image.
4. Tap the **Snapshot icon**. 

4.4 Talk

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Select the camera you want to talk from by pressing the **Play button**  on the camera feed image.
4. Press and hold the **Talk icon** 
5. Disable the "Talk" function by releasing the **Talk icon** 

4.5 Listen

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Select the camera you want to listen from by pressing the **Play button**  on the camera feed image.
4. Press the **Audio icon**  to mute/unmute device.

4.6 Enable Siren

To activate the siren when an alert is triggered:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage
4. Arm the camera.
4. Under the **Smart Alerts** 
5. Enable **Siren**.

To start the alarm instantly:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Select the camera you want to enable/disable the siren from by pressing the **Play button**  on the camera feed image.
4. To enable the alarm, press and hold the **Siren button** 
5. To disable the alarm, release the **Siren button** 

5. View Your Content

The events that Sticker-Eye captures are divided into two categories: alert images and recordings.

To receive real-time alert images, you must be logged in to the Sticker-Eye app and have your device connected to the internet. Once you log out, you won't be receiving notifications anymore.

Alert images are applied to smart notifications and have a lower resolution. For a full resolution view, you can watch or download the video. Alert images can't be downloaded.

The camera records for as long as there is motion. A video recording has a minimum of 5 seconds and a maximum of 30 seconds. If an event lasts more than 30 seconds, the device will start a new recording.

The video length is not adjustable.

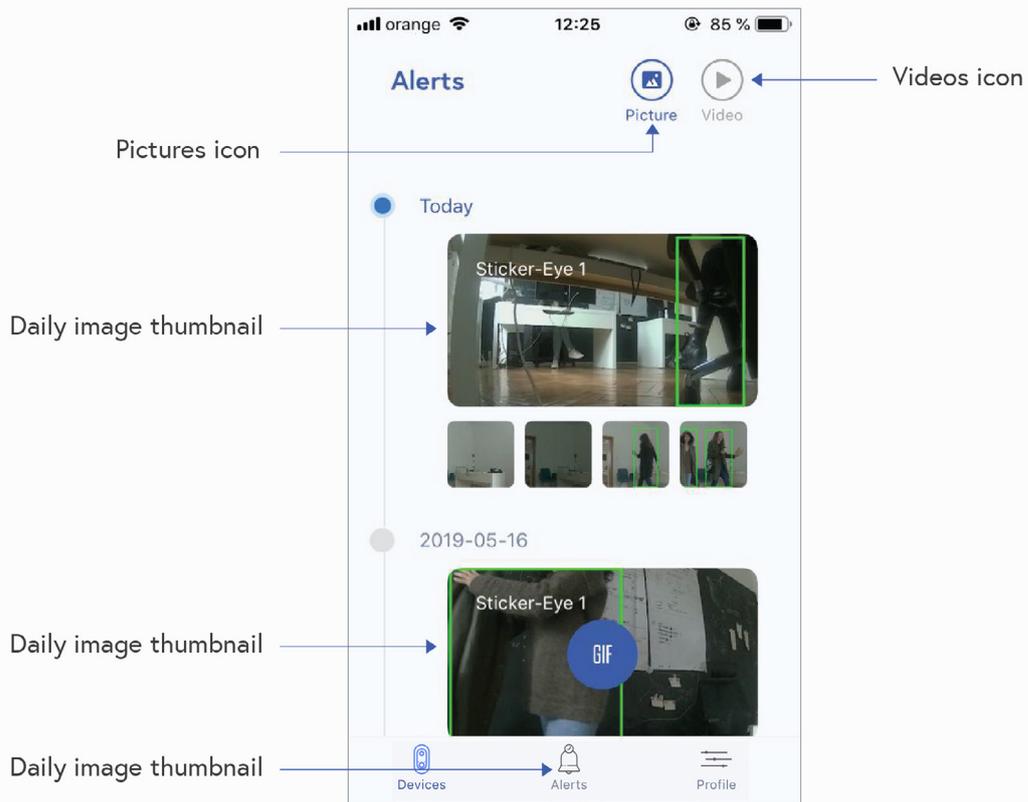
During an event and after recording a 30-second clip, a new recording will start if there is continuous movement. The delay between the two recordings is 2 seconds.

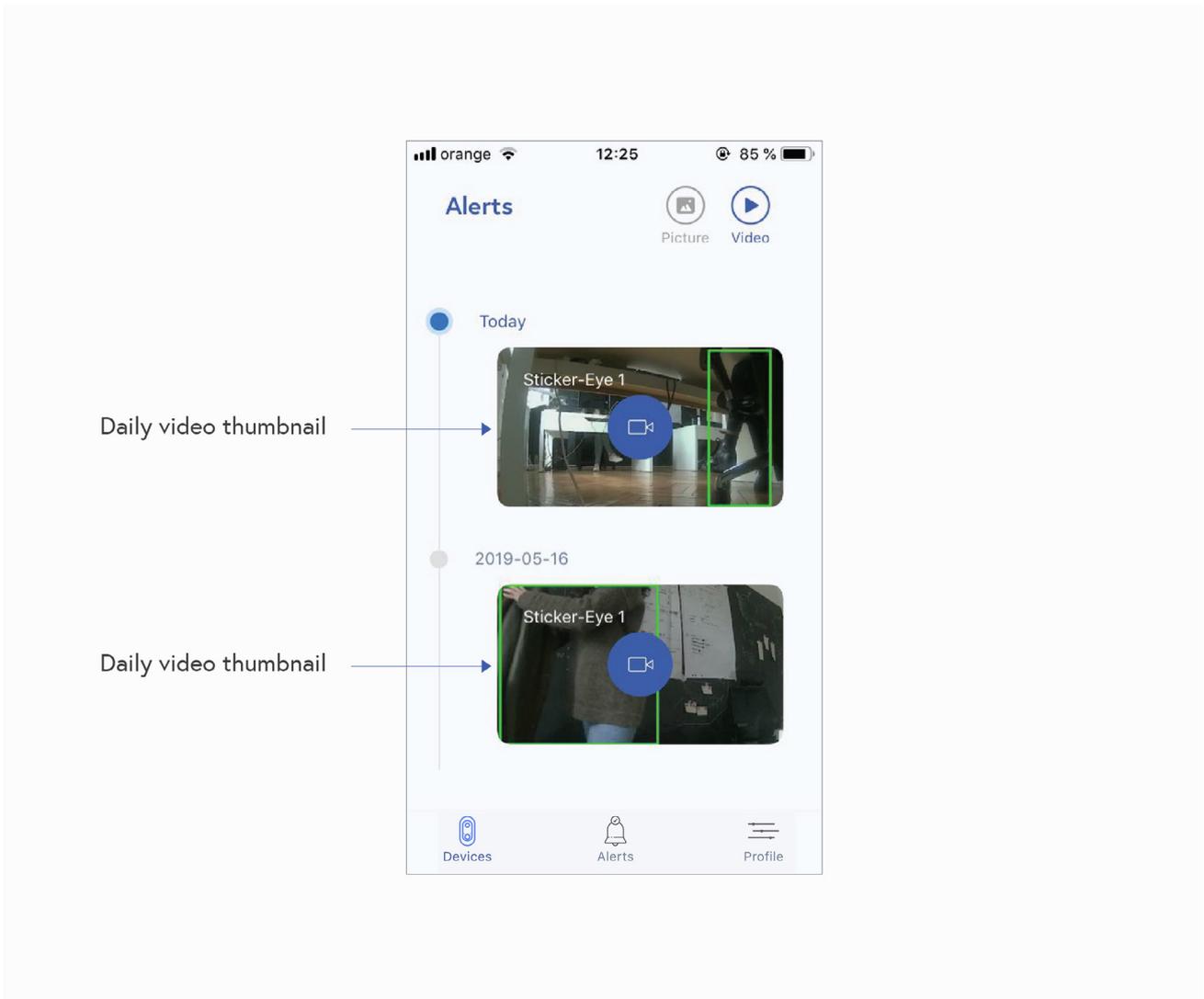
Storage	
Sticker-Eye 8GB	Sticker-eye 32GB
You can save HD videos as listed below: ~ 2400 10s recordings ~ 800 30s recordings	You can save HD videos as listed below: ~ 9600 10s recordings ~ 3200 30s recordings
You can save SD videos as listed below: ~ 4800 10s recordings ~ 1600 30s recordings	You can save SD videos as listed below: ~ 19200 10s videos ~ 6400 30s videos

You can use the calendar to view specific events.

5.1 View Recordings & Alert Images

There are several ways to view recordings and alert images:





5.1.1 Alerts

Go to the Alerts Page and view **all events (recordings and alert images) that triggered notifications and were stored locally.**

To view the events recorded when the camera was offline, go to the **Playback page** (see Section 5.1.2).

View Alert Images

1. Tap the **Sticker-Eye icon**  on your mobile device.

2. Tap the **Alerts icon**  (bottom center of the screen).
3. The screen will display the **Alerts page** with an overview of locally saved alert images (the last 5 alert images captured at that moment).
4. To see all the pictures that were captured on a single day, tap the **Main Alert Image** of that day.
5. **All Alert Images Page** displays.
6. Select the image you want to watch.
7. Swipe left or right for more images.
8. If you tap the **Video icon** , you'll get an overview of locally saved Videos (the last video recorded at that moment)

View Recordings

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Alerts icon**  (bottom center of the screen).
3. The screen will display the **Alerts page** with an overview of locally saved alert images (the last 5 alert images captured at that moment).
4. Tap the **Videos icon** 
5. To see all the videos that were captured on a single day, tap the **Video Thumbnail**.
6. **All Alerts Videos Page** displays.
7. Select the video you want to watch.

5.1.2 Playback

Go to the Playback page and view **all recordings stored locally**, including those that didn't trigger notifications because the camera was offline.

To do so:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Playback icon**  located under the camera you want to check out.
4. The **Playback page** with the **current date** displays.
5. To see specific recordings, tap the **Current Day icon**  and select a date.
6. To see recordings that occurred a day before, tap the **Previous Day icon** .

5.2 Download & Delete Recordings

Since all recordings are stored on-device, Sticker-Eye must be online for the following functions to work:

5.2.1 To download recordings from the Sticker-Eye camera to your mobile device:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Playback icon**  located under the camera you want to check out.
4. The **Playback page** with the **current date** displays.
5. Click on the event you want to download.
6. Click on the **Download icon**  (top right corner).
7. Once you've downloaded an event, you can also share it from your mobile phone.

5.2.2 To view downloaded videos on your app:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Tap the **Videos icon**  located under your profile info.

5.2.3 To delete recordings:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Alerts icon**  (bottom center of the screen).
3. The **Alerts page** displays.
4. Tap the **Videos icon**  (top right corner).
5. Click on the **Daily Video Thumbnail** of choice.
6. Click on the video you want to delete.
7. Tap the **Delete icon**  (top right corner).

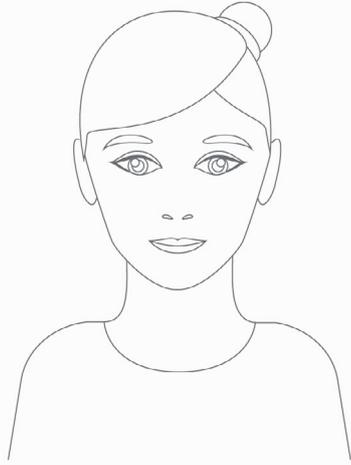
Or

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Press the **Playback icon**  located under the camera you want to check out.
3. The **Playback page** with the **current date** displays.
4. Click on the video you want to delete.
5. Tap the **Delete icon**  (top right corner).

5.3 Upload & Delete Faces

Our **recommendations** when uploading or removing a Face from the Face Library:

1. To speed up the face uploading/removing, please temporarily disable the Alerts.
2. Don't start live streaming until the face uploading/removing is done.
3. Upload a photo which clearly shows the face.
4. Upload 1 image per person.



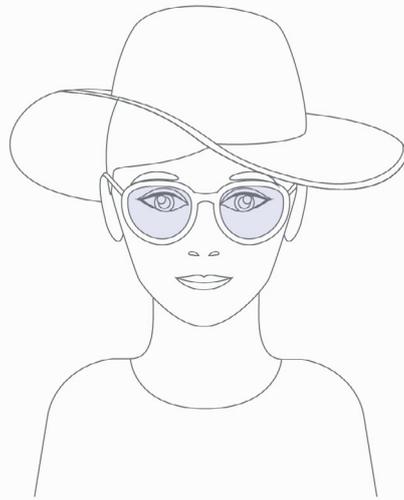
clear image



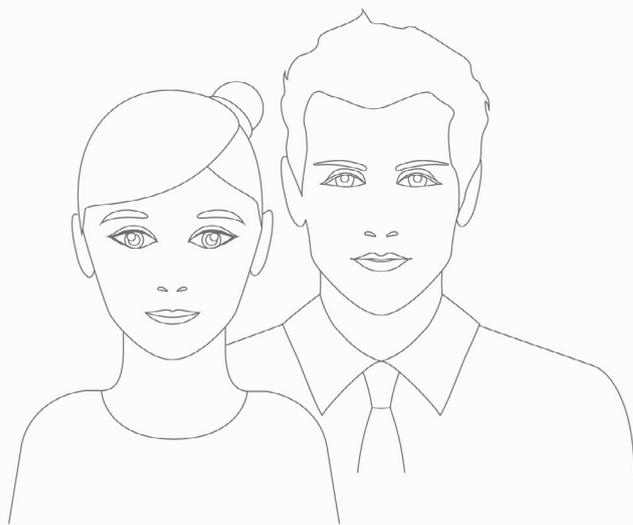
face covered



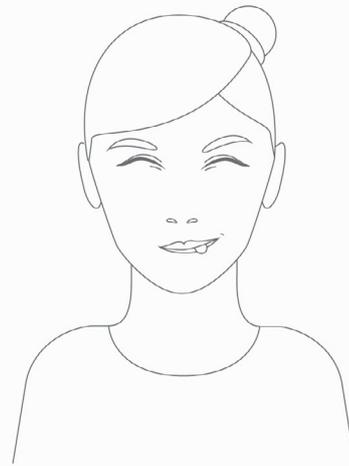
profile or unclear angle
(see accepted face angles in the
Face Recognition section)



hats, sunglasses and
other accessories



more than one person
in the photo



closed eyes or exaggerated
facial expression

5.3.1 To upload a face:

1. Tap the **Sticker-Eye icon**  on your mobile device
2. Click on the **Profile icon** 
3. Tap **Face Library**
4. Tap the **Add New Face icon** 
5. You can either **Take a photo** or Choose from your **Album**
6. For a better face recognition, crop the image as close to your head as possible. Tap **Select**.
7. Name the image.
8. Tap **OK**.
9. Wait for sync.

5.3.2 To remove a face from your Face Library:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Click on the **Profile icon** 
3. Tap **Face Library**.
4. The **Face Library page** displays with a list of the uploaded faces.
5. Press the **Delete button** next to each face thumbnail.
6. Wait for sync.

5.3.3 Tips & Tricks

1. You can add up to 20 faces on your Face Library.
2. Uploading a face might take up to 30 minutes. If the device is busy (i.e: live streaming, recording event, another), the face upload might take longer (30 minutes max.).
3. You don't have to upload the same face on different devices. When uploading a face on a single Sticker-Eye, that image will be applicable to all connected devices. If any of your devices is offline, you'll get a "Partially Synced" notification. If a face is successfully uploaded on all devices, you'll get a "Synced" notification.
4. If other people connected to the device are using it (people that you shared your camera with), the face upload/removal might last a little bit longer.

6. Manage Detection

You can customize the detection modes of each connected camera.

6.1 Customize Detection

Sticker-Eye comes with the following detection modes:

Motion Detection

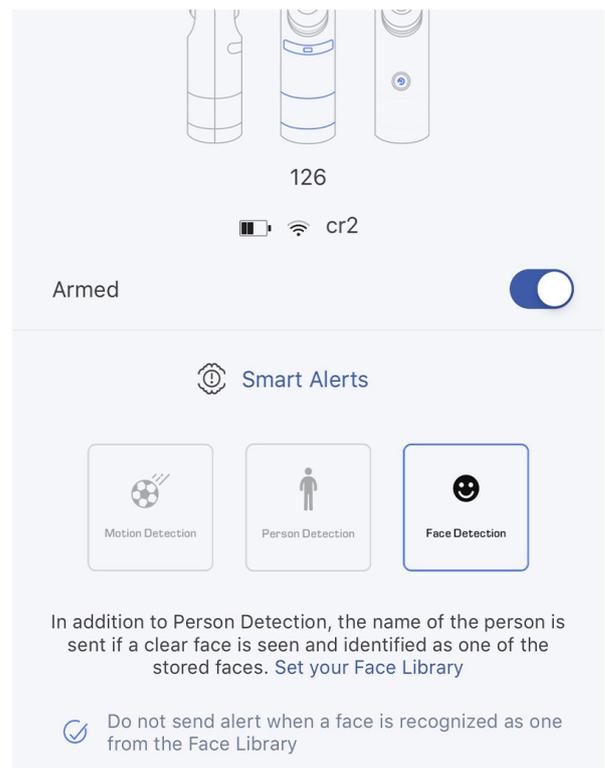
The camera detects and records any type of motion (including people). If you enable Motion Detection, you'll receive notifications on your phone each time Sticker-Eye detects motion.

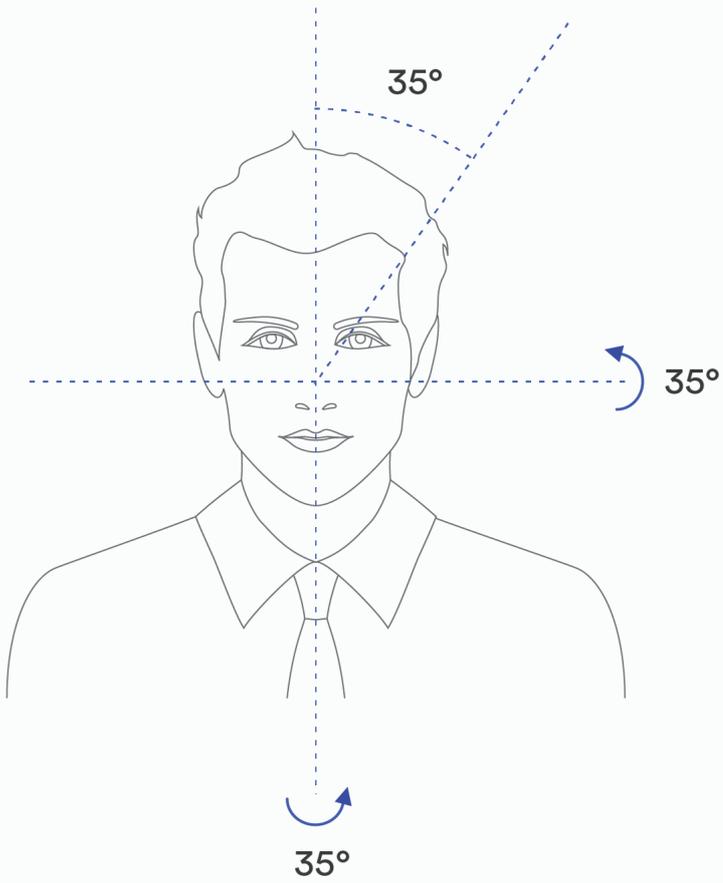
Person Detection

The camera detects and records people only. If you enable Person Detection, Motion Detection will automatically turn on, but the camera will start filtering the information and will send you notifications only when people pass by.

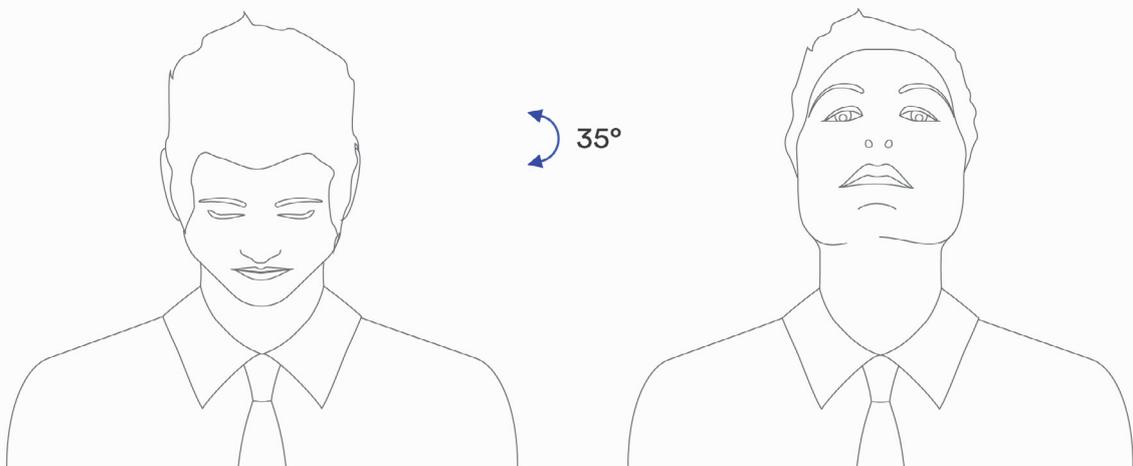
Face Recognition

Once you've uploaded a close-up face image of a family member/friend on the app and enabled this feature, the camera will **not notify*** you when a familiar person looks in the direction of the camera and is about 10 feet (3 meters) away from it. To do so, mark the checkbox as shown opposite:

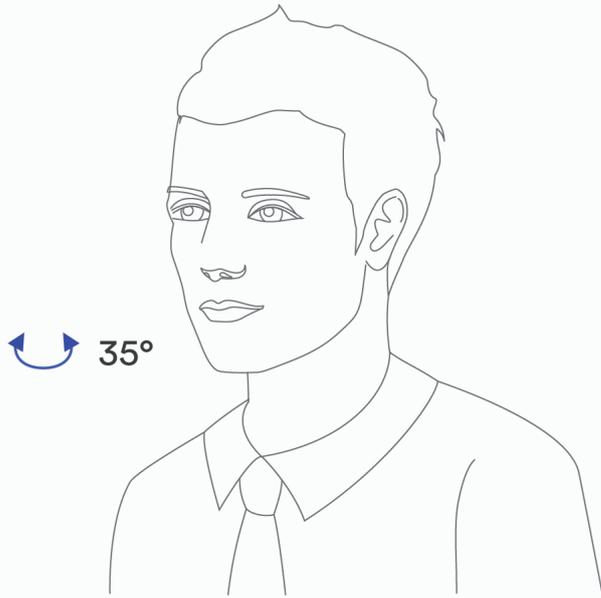




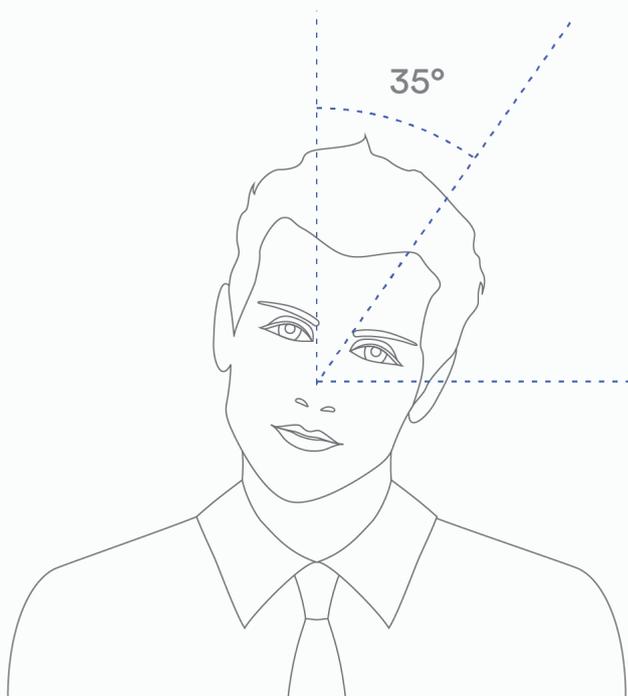
maximum 35° accepted camera rotation on all 3 axes



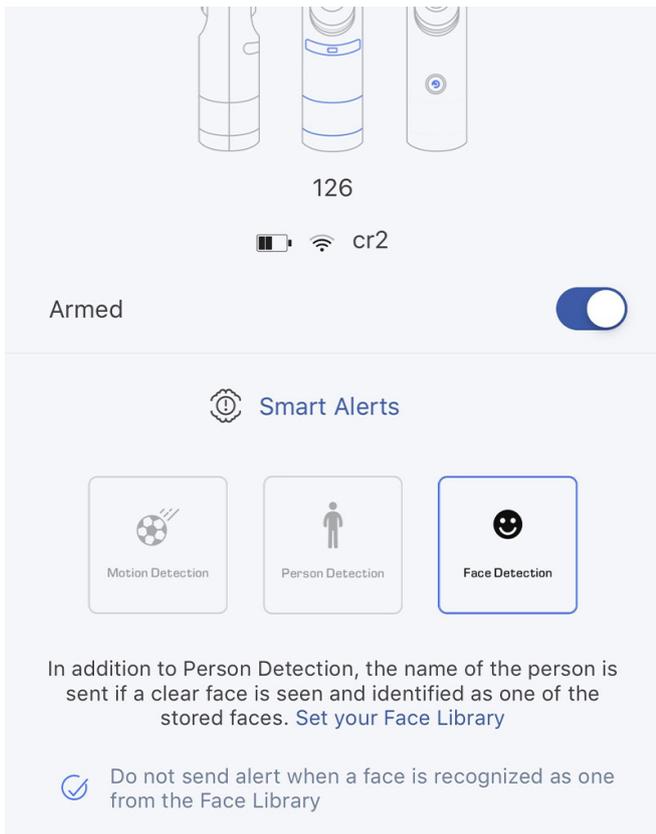
maximum 35° back or forth inclination



maximum 35° left or right rotation



maximum 35° left or right inclination



** If you enable Face Recognition, you can choose to receive or block Notifications when the device detects faces from your Face Library.*

To manage detection:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage
4. Arm the camera.
4. Under the **Smart Alerts** 
5. Manage detection.

6.2 Focus Area

Recordings will contain the area of interest only.

To focus your Sticker-Eye on specific areas:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage.
4. Tap the **Focus Area icon** .
5. Set focus area by moving the rectangle on the camera feed image.
6. Press **Save**.

6.3 Motion Trigger Sensitivity

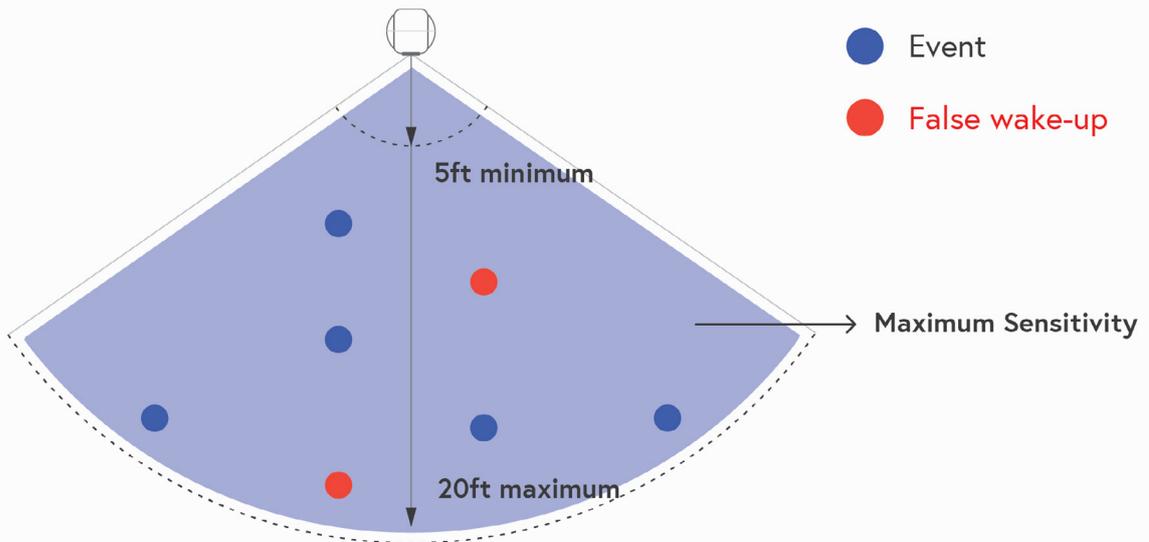
To change the sensitivity level for a device:

1. Tap the **Sticker-Eye icon**  on your mobile device
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage
4. Under the **Smart Alerts** 
5. Click on **Motion Sensitivity**
6. Choose between **Outdoor and Indoor**.
7. Set outdoor/indoor sensitivity.
8. Press OK.

Keep in mind:

A maximum sensitivity will cause more false wake-ups and will lead to a quicker battery drain.

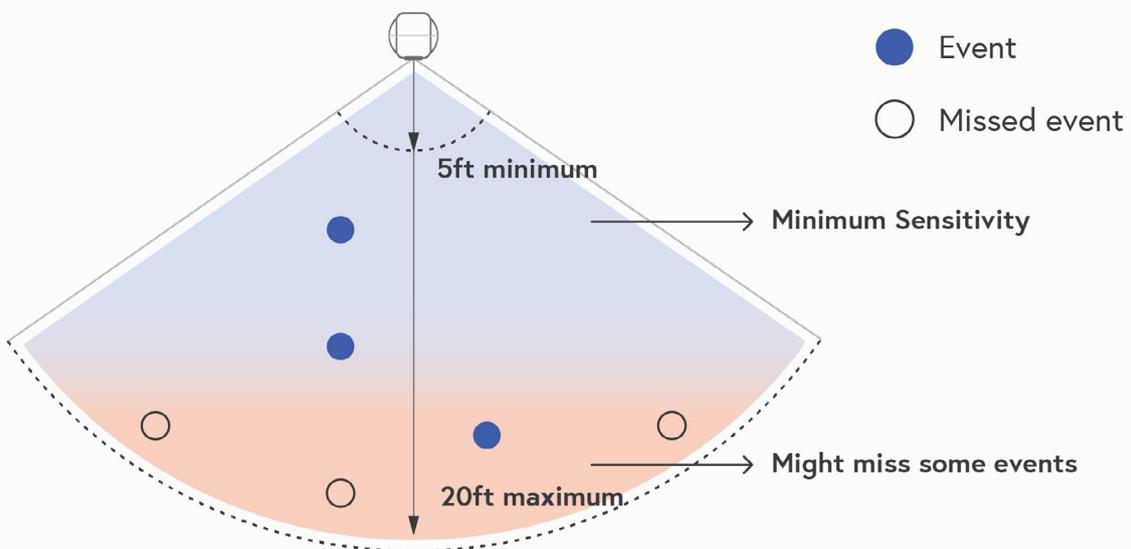
If you set your camera to a minimum sensitivity, you might miss some events close to the maximum range which is 20 feet (6 meters).



Maximum Sensitivity → More false wake-ups → Quick battery drain

Remember:

False wake-ups usually happen when the camera is configured to detect persons only, but is triggered by objects that resemble people.



Minimum Sensitivity → Might miss some events close to the maximum range

6.4 Schedule Your Camera

You can set a schedule to activate or deactivate your devices automatically. This way, you can manage detection even better, and avoid receiving redundant alerts.

The Alert Time configuration applies to all detection modes of the selected camera.

To set a schedule for a camera:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage.
4. Under the **Smart Alerts** 
5. Click on **Alert Time**.
6. Select the days and times when you want to get notified (or you can Select all).
7. Press **Save** 

7. HOW TO MAKE THE BEST OF AI FUNCTIONS

1. Avoid background clutter in order to get better detections and fewer chances for false positives.

For example, having very dense and irregular vegetation or piles of clothes in the background can both make it harder for the AI to find a person's features and increase the chance that some other part of the background looks superficially like a human and is detected as one.

Having a white wall as a background for your camera will make it easier for the AI algorithm to detect a person moving in front of it.

2. Avoid placing objects close to the camera and don't obscure its field of view.

Besides limiting its usefulness, this will increase the chance of false positives. Our AI algorithms are encouraged to report suspicious objects as if they were persons. Such a hard to identify object has a higher chance of being incorrectly detected as a person.

3. If you mount Sticker-Eye upside down, make sure to invert the camera feed as well.

Mounting the device upside-down will lower the accuracy of person detection and face recognition and will increase false positives (see Chapter 9, Section 9.1).

4. A front facing (or low angle) camera mounting should be preferred to an overhead one.

This allows the AI to register more features of the person or face that appears in front of the camera and thus will have a higher detection accuracy.

5. The field of view of the camera should include the whole person instead of just the upper or lower part of the body.

Similar to the previous recommendation, this will give the AI more features of the person, increasing its accuracy.

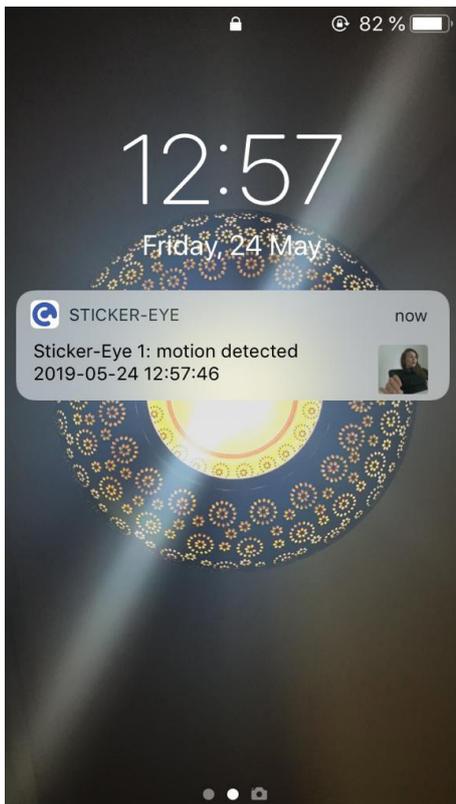
6. Avoid pointing the camera through a window.

On top of affecting the PIR sensor, this setup can also decrease the AI performance. Reflections, distortions, water or stains on the glass can all negatively impact the performance of the AI algorithms.

7. Outdoor camera placement should avoid direct sunlight.

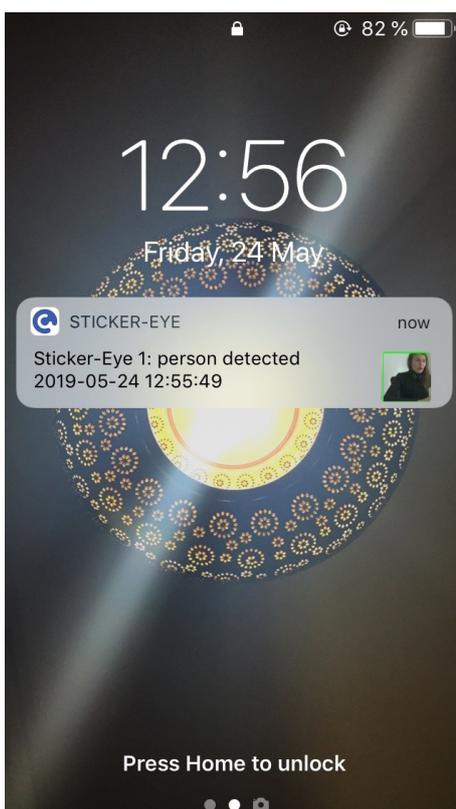
8. SMART NOTIFICATIONS

8.1 Detection Notifications



Motion Detected

Enable Motion Detection ONLY and receive smart notifications each time Sticker-Eye detects motion (people included.)



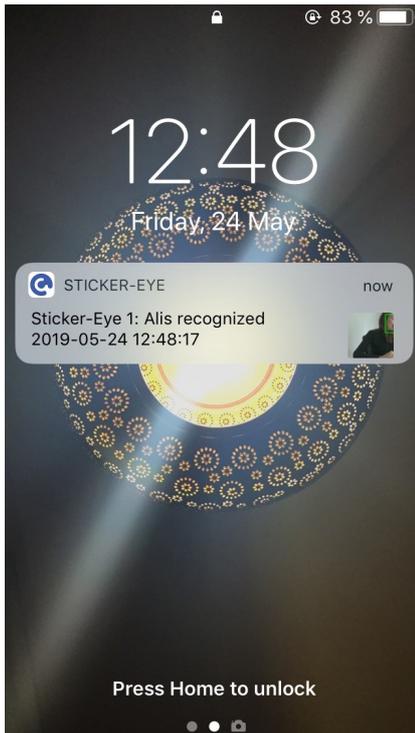
Person Detected

If you enable Person Detection, Motion Detection will automatically turn on, but the camera will start filtering the information and will send you notifications only when people pass by.

Face Recognition

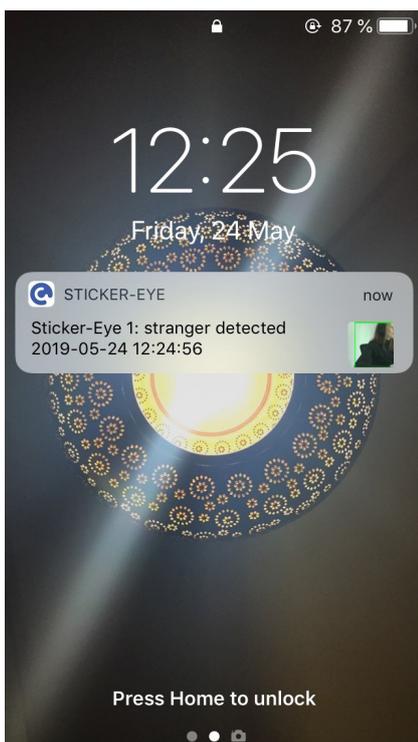
Once you've uploaded a close up face image of a family member/friend on the app and enabled this feature, the camera will notify* you each time **a stranger or a familiar person** looks in the direction of the camera and is about 10 feet (3 meters) away from it.

Based on the quality of the captured images, the algorithm will decide whether to send a notification with the detected person or the stranger.



Insert Name Recognized

If you enable push notifications when Sticker-Eye detects faces from your Face library, you'll get the following message:



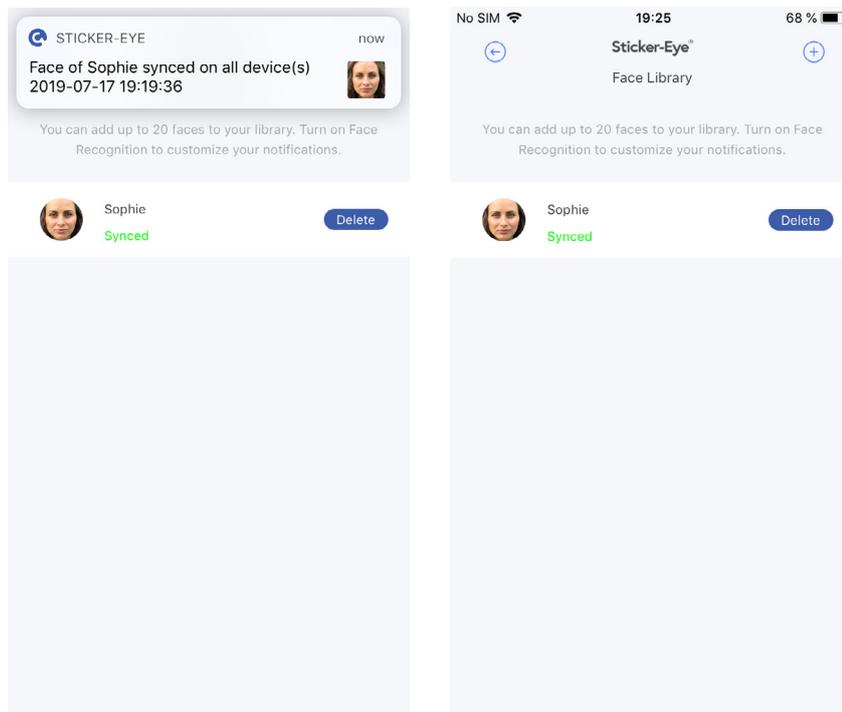
Stranger Detected

If Sticker-Eye detects an unknown face (that is not uploaded on your library), you'll get the following notification:

8.2 Faces Notifications

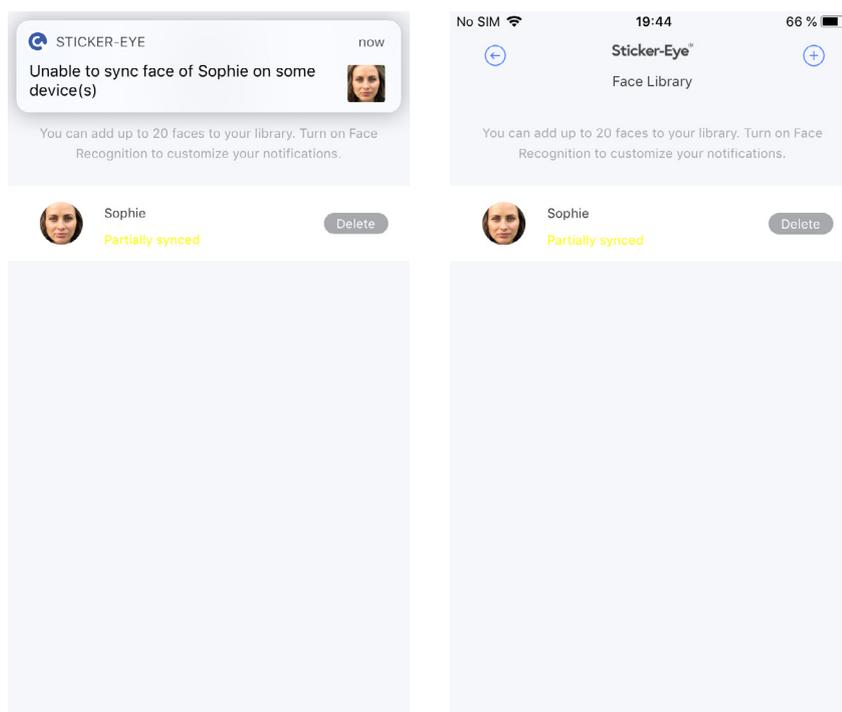
There are four types of notifications you'll get on your mobile phone when you add or delete a face on your Face Library:

Face Synced



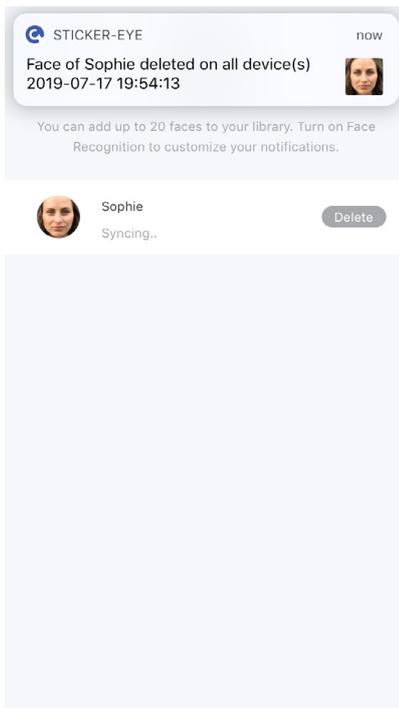
Once a face is successfully uploaded on all devices, you'll get the following notification on your phone:

Face Partially Synced



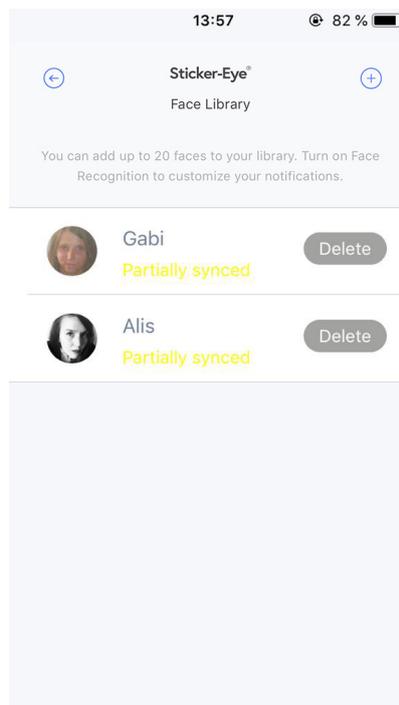
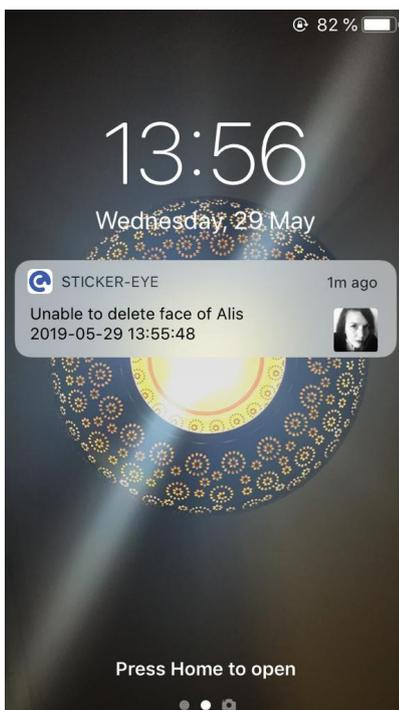
When uploading a face on your Face Library, if any of your devices are offline, you'll get the following notification:

Face Deleted



Once a face is successfully removed from all devices, you'll get the following notification on your phone:

Face Partially Deleted

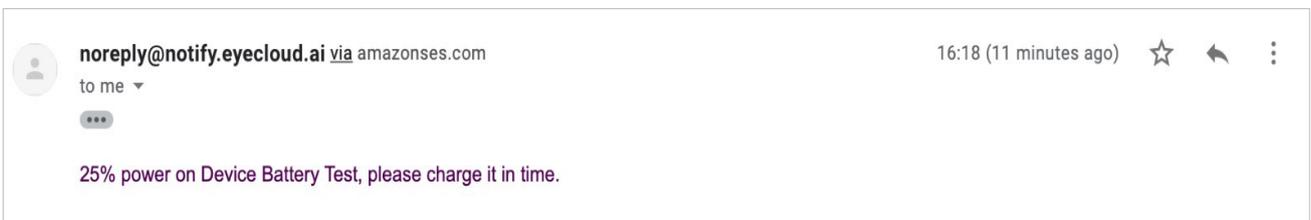


When removing a face from your Face Library, if any of your devices are offline, you'll get the following notification:

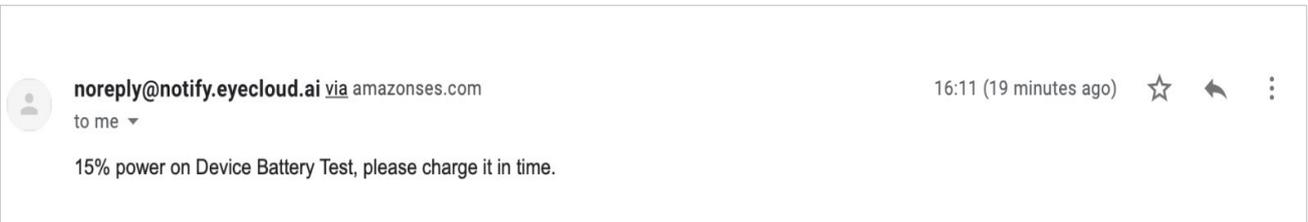
8.3 Low-Battery Notifications



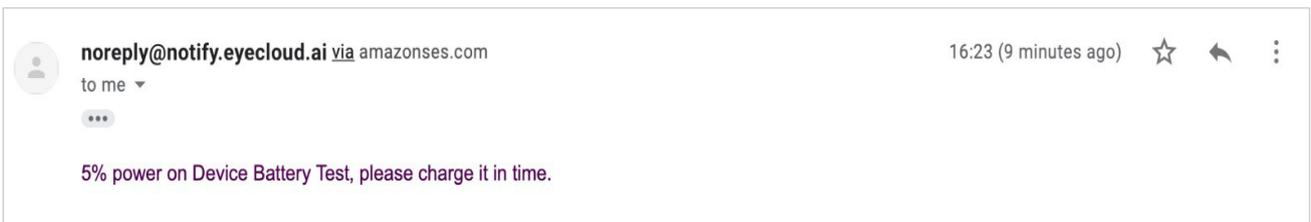
When the battery drops below 25%, but it's higher than 15%, you'll get an alert on your mobile app and a notification email.



When the battery drops below 15%, but it's higher than 5%, you'll get an alert on your mobile app and a notification email.



When the battery drops below 5%, you'll get an alert on your mobile app and a notification email.



9. Video Settings

9.1 Viewing Position

To change the viewing position:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage.
4. Under the **Video Settings** 
5. Tap **View Position**.
6. Choose between **Stand** (normal) or **Headstand** (upside down), depending on how you mount the device. If you mount the camera upside down, make sure to invert the camera feed as well by selecting the **Headstand** option.
8. Tap **Back**  to go back.

9.2 Video Resolution

To change the video resolution::

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage.
4. Under the **Video Settings** 
5. Tap **Video Resolution**.
6. Choose between **720P HD** or **1080P FHD**. The full 110 degrees FOV is only available in the 1080p mode.
7. Tap **Back**  to go back.

9.3 Video Quality

The video quality influences the sharpness of the image. The higher the quality, the higher the power consumption. The higher the download and playback speed, the lower the power consumption.

HIGH QUALITY [slower download speed]	STANDARD QUALITY [stable download speed]	HIGH SPEED [fast download speed]
A high quality video will give you the best image quality at a 2 Mbps encoding bit rate. If the internet connection is weak, the playback frame rate might be affected and the video might load choppy.	A standard quality video will give you a good image quality at a 1,5 Mbps encoding bit rate with a good playback frame-rate.	A high speed video will give you a smoother loading and medium image quality at a 1 Mbps encoding bit rate.

To change video quality:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to manage.
4. Under the **Video Settings** 
5. Tap **Video Quality**.
6. Choose between **High Quality, Standard or High Speed**.
7. Tap **Back**  to go back.

10. Personalize Your System

10.1 Share Device With Friends

When sharing a device with a friend, both parties must have the Sticker-Eye mobile app installed:

To share Sticker-Eye with friends:

As a Guest:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Under the **Account Settings**  menu.
4. Tap on **Access Device as a Guest**.
5. Ask the admin to scan the QR code.

As an admin:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to share.
4. Under the **General Settings**  menu.
5. Tap on **Share Device**.
5. Click on **Scan Guest's QR code**.
6. Allow Sticker-Eye to access your camera.
7. Scan the guest QR code.

Guest Limitations

Guests can ONLY watch live streams, playback, receive notifications and view device info.

10.2 Remove a device

Only the Master Account can remove a device. To do so, the Master Account must be connected to the same 2.4 GHz network as the device.

If you remove a device, all your settings, recordings and images will be erased.

This operation is usually done when you want to give STICKER-EYE camera as a gift.

To remove a device:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to remove.
4. Tap the **Remove Device From Your Account button**.
5. Press **Send Code**.
6. You'll get a 6-digit code on your email.
7. Enter the code in the **Code field**.
8. Press **OK**.

10.3 Log Out

To log out:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Scroll to the bottom and click on the **Log Out button**.

If you want to remove a device and log out, you'll have to first remove devices. Then log out. When you log back in, your devices will still be connected to your account.

10.4 Rename Camera

To avoid mix-up, you can rename your cameras.

To rename your camera:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. The **Device page** will display a list of your connected devices.
3. Press the **Device Settings icon**  associated with the device you want to rename.
4. Tap the **Edit icon** .
5. In the Name field, delete the current name and enter a new one.
6. Press **Save**.

10.5 Personalize Your Profile

Profile

To edit your profile:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Change your profile picture by clicking on the avatar placeholder. .

General Settings

To edit your general settings:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Under the **General Settings**  menu.
 - a. Language Settings
 - b. Help and Feedback
 - c. Clear Cache
 - d. About

Account Settings

To edit your account settings:

1. Tap the **Sticker-Eye icon**  on your mobile device.
2. Tap the **Profile icon** .
3. Under the **Account Settings**  menu.
 - a. Username
 - b. Email Address
 - c. Phone Number

- d. Change Password
- e. Send code to
- f. Enable/Disable 2-Factor Authentication.
- g. Access a Device as a Guest

11. Security & Privacy

11.1 Security During Pairing

To avoid anyone else from using or accessing your data (after stealing the device, for example), Sticker-Eye adds some limitations to prevent this from happening:

1. Only the Master Account can perform the pairing and unpairing.
2. The user needs to be in the same location as the Sticker-Eye camera.
3. The user needs to be in the Wi-Fi range of the Sticker-Eye camera.
4. The user's mobile phone must be connected to the same 2,4GHz Wi-Fi network to which the device is to be connected.

The same conditions apply to Wi-Fi reconfiguration.

Also, to prevent someone from stealing the camera and using it, the unpairing can ONLY be done by the Master Account and ONLY if the user is in the same 2.4 GHz WiFi network.

11.2 Encrypted Local Storage

All the data on the Sticker-Eye camera is encrypted. This includes uploaded faces, recorded videos, alert images, and audio files.