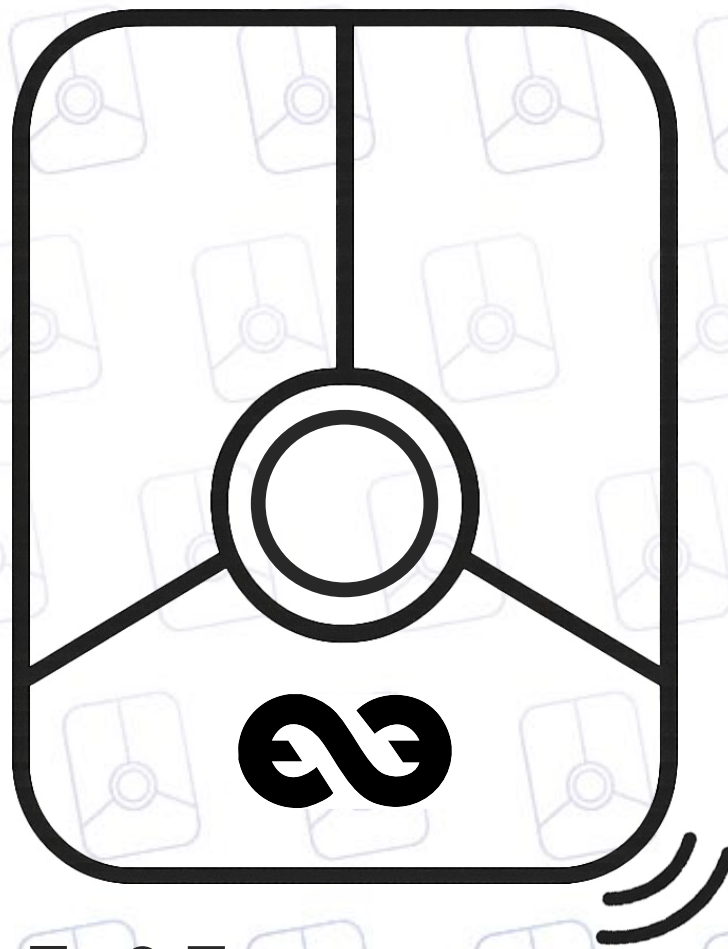


User's guide Tikee sentinel



EN

tikee 
sentinel

Summary :

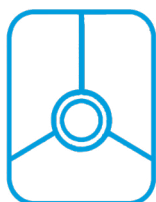
About	3
Content	3
Overview.....	4
Connection	4-5
Requirements.....	4
Pairing	5
Camera reaction to a detection.....	5
Installation.....	5-6
Detection fields.....	5
Connection range	6
Going further.....	6
Perform a connection test	6
Adjust sensitivity	6
Products brief.....	7
Maintenance and cautions	8
Enlaps support.....	8
Informations about frequency bands	9
Battery information.....	9-10
Storage and handling of the battery.....	10
Treatment of electrical and electronic equipment at end of life	10
Trademarks.....	10

Follow us on:



Content

- 1x Tikee sentinel
- 1x quick start guide: , 
- 4x wall plugs
- 4x 4x40 screws



1x Tikee
sentinel



1x quick start
guide



4x wall plugs



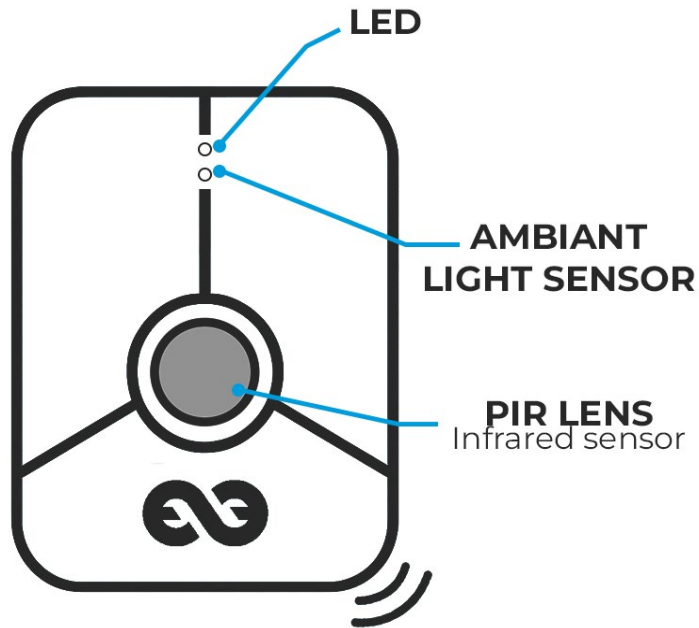
4x 4x40 screws

For any questions, please visit the **FAQ** on
our website at help.enlaps.io/en/ or contact us at enlaps.io/en/contact/

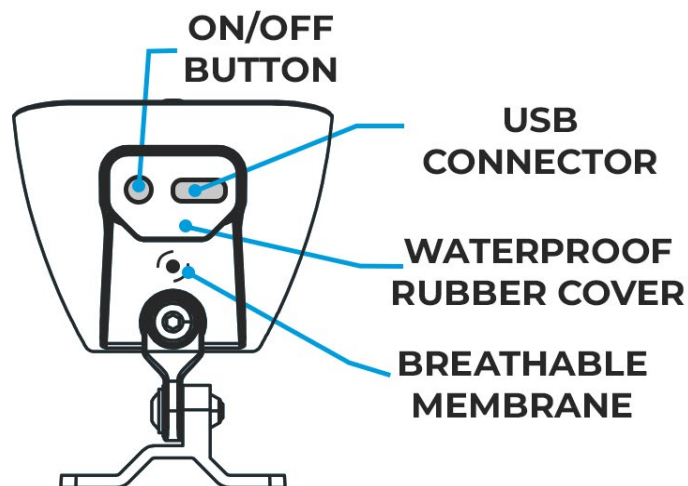
Enlaps : 26 av. Jean Kuntzmann,
38330 Montbonnot-Saint-Martin, France

Overview

Front view:



Bottom view:



Caution: Do not insert any object or pierce the waterproof breathable membrane, as this would damage the product's watertightness.

Caution: The product's watertightness is guaranteed only if the cap is installed. Do not use the product without the cap in place.

Connection

Requirements:

1. You must have connected your Tikee camera to the Tikee Remote app. To do so, please refer to your camera's Quick Start Guide.
2. You must have charged the Tikee sentinel using a USB-C charger delivering at least 1A. A full charge can take up to 5 hours.
3. You must have a compatible Tikee: Tikee 4, Tikee mini, Tikee mini+, or later. The Tikee camera must be charged, updated, nearby, and powered on.

Minimum firmware version: V8.0.0

Overview - Connection

Pairing:

1. Open the Tikee Remote app and **log into your account**.
2. Start the scan.
3. Select **your Tikee camera** to connect.
4. Click on **sentinel** 
5. Create a **new link**.
6. Turn on your Tikee sentinel by pressing the button, **the LED should flash**, wait until it stops flashing.
7. Press the button again on your Tikee sentinel to enter **pairing mode**, the LED should flash blue.
8. Press **select device**.
9. **Select your Tikee sentinel** from the list of detected devices and **follow the pairing steps**.
10. Your Tikee sentinel is paired with your Tikee camera once the success message appears.

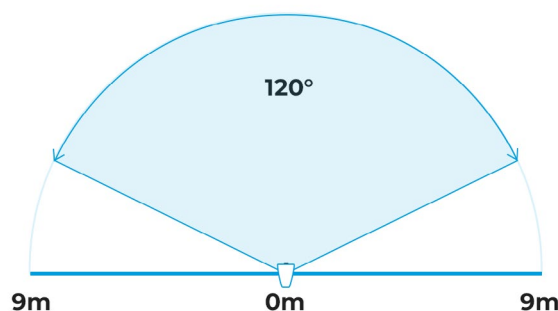
Camera reaction to a detection:

1. Connect to the **Tikee camera you want to configure** via the Tikee Remote app.
2. Click on **sentinel** 
3. Click on **Mode**; **you will be offered 3 options**:
 - Always react to Tikee sentinel events
 - React only outside capture hours
 - Mute (never react to Tikee sentinel events)
4. Select your preferred mode, **then save**.
5. The **Motion** tab allows you to choose the **type of media** your Tikee camera will capture when a Tikee sentinel event is received.
6. Choose between **Photo, Video** (only with Tikee mini and Tikee mini+) **or Burst**, depending on your use case, then save.

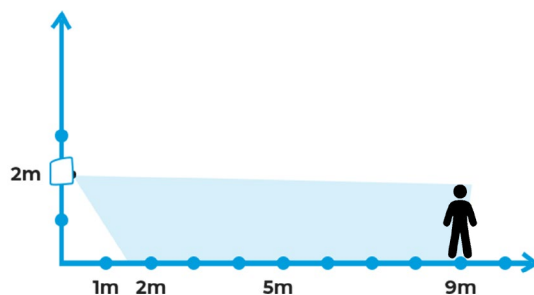
Installation

Detection fields:

TOP VIEW:



SIDE VIEW:



Actual detection range may depend on environment in front of the Tikee sentinel.

Connection range:

Your Tikee sentinel **has a connection range** with your Tikee camera of **up to 30 meters**, depending on the environment between the two.

Going further

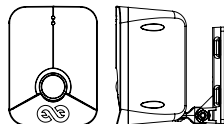
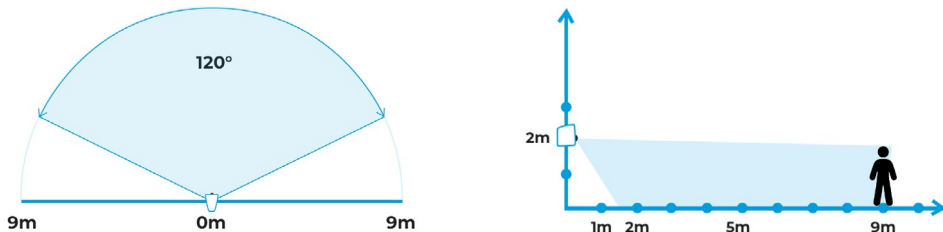
Perform a connection test:

1. Open the Tikee Remote app and **log into** your account.
2. Start the scan.
3. Turn on your Tikee sentinel by pressing the button, **the LED should flash**, wait until it stops flashing.
4. Press the button again on your Tikee Sentinel to enter **pairing mode**, the LED should flash blue.
5. **Select your Tikee sentinel** from the detected devices list.
6. Next to the serial number of cameras already paired with your Tikee sentinel, **the Test Connection button** allows you to test the link between your Tikee sentinel and your Tikee camera.

Adjust sensitivity:

1. Click on **sentinel**  in the app.
2. **On your powered on Tikee sentinel**, press the button again on your Tikee sentinel to enter pairing mode, **the LED should flash blue**.
4. **Select your Tikee sentinel** from the detected devices list.
5. You will access the configuration page of your Tikee sentinel, where you can **adjust the sensitivity of the PIR sensor** and the light sensor.

tikee sentinel

Version	
Compatibility	Tikee 4, Tikee mini, Tikee mini+ and later models
Weight	150g
Dimensions	 85 x 65 x 51 mm
Sensor	Passive Infrared sensor 9m detection range 120° horizontal field of view 42° vertical field of view 
Sensitivity settings	Adjustable PIR sensor sensitivity to minimize false alarms and ensure reliable motion detection
Responsiveness	Delay between event and information sent to the Tikee camera: < 1s Capture delay by the Tikee camera: approx. 5s, depending on standby mode Upload delay to the myTikee platform: approx. 30s, depending on network quality
Weatherproof	IP 66 : Designed for extended outdoor use (resistant to sand, snow, rain, etc.) Operating temperature : -10 / + 60 °C Storage temperature : -10 / + 60 °C
Battery	Integrated Li-ion battery – 3000 mAh
Battery life	Up to 2 years (based on 30 triggers per day; actual performance may vary depending on external conditions)
Charge	USB-C 5V / 1A max
Installation assistant	Pairing between Tikee camera and Tikee sentinel can be achieved via Tikee remote app
Connectivity	Bluetooth Low Energy Tikee and Tikee sentinel maximum distance: 30m (environment may affect range)
Setup and control	IOS and Android compatible mobile application Minimum smartphone compatibility: Bluetooth 4.2 / Android 8 / IOS 15
Mounting system	Integrated mounting arm (mounting via screws (included) or clamps (not included), compatible with Tikee mounting kit)

Maintenance and cautions

Follow the instructions below to get the **best performance from your Tikee sentinel**

The Tikee sentinel is guaranteed IP66. If the cover protecting the USB-C slot is open, the water-proofness of the Tikee sentinel is not guaranteed

About the waterproofing of Tikee sentinel:

- Do not immerse.
- Check and guarantee the closing of the cover.
- Inspect Tikee sentinel from the outside.
- Do not expose / use a damaged Tikee sentinel.

Electrical characteristics:

Supply voltage at the micro-USB connector should be between **+4.5 Vdc up to +5.5 Vdc** (+5 Vdc typical).

Use AC/DC/ power supply tpe LPS, Limited Power Source (according to IEC EN 60950-1 Ed2) or type **ES1, PS2** (according to IEC EN 62368-1).

Consumption **max under 5Vdc : 1000 mA**

Built-in-Lithium battery : Typical voltage : 3.6V / Typical coveracity 3 Ah

Temperature range :

- Operating temperature: -10° C / + 60° C
- Storage temperature: -10°C/+60°C
- Charge temperature : 0°C / +45°C

Before closing the cover, **make sure that no debris is on the seal**. If necessary, clean it with a cloth.

Before opening the cover, make sure that the Tikee sentinel is free of water and debris

If the Tikee sentinel sentinel is dirty, you can clean it with a damp soft cloth.

To clean the lenses, wipe it with a soft cloth.

Don't insert any foreign object around the lens.

Special precautions:

- Do not store Tikee sentinel with a discharged battery (level below 50%).
- Do not insert objects (or metal) into the USB-C connector.

Enlaps support:

For questions relating to your Tikee sentinel or mobile & cloud platform, you can read our **FAQ** :

<https://help.enlaps.io/en/>

You can also contact us on <https://enlaps.io/contact>

In the event of an identified failure, a return of the product to our premises will be necessary for a diagnosis.

Informations about frequency bands

Radio-Frequency technologies embedded in Tikee sentinel device:

RF technology	Frequency bands	Max power
Bluetooth	2.4Ghz	7.95 dB (EIRP)

ENLAPS Tikee sentinel
FCC ID : 2ASLI-SENTIN01
IC : 24785-SENTIN01

Caution: The user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 instruction, 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 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 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 FCC RF radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). 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. This device complies with ISED radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Battery information

Integrated lithium-ion battery:

Typical voltage: 3.6 V / Typical capacity: 3 Ah / 10.8Wh.

Temperature ranges :

Operating and charging temperature: -10°C / +60°C

Storage temperature: -10°C / +60°C

Storage and handling of the battery:

The product contains delicate parts, including the battery. Do not expose your product at temperatures outside the intended range of use. Too low or too high temperatures could temporarily reduce the battery life or adversely affect the correct functioning of the product.

Do not dry the product with the help of an external source of heat such as a microwave oven or hairdryer.

Do not store Tikee sentinel with a discharged battery (level below 50%).

Make no unauthorised changes on the product. You might compromise your security and the performance of the product, breaking the regulations in force and void the warranty.

Warning: Never let fall, disassemble, open, crush, bend, deform, pierce, lacerate, expose to the microwave, incinerate or paint the product. Do not use the product or battery if these have been damaged, for example if they are cracked, breakthroughs, or if they took the water. Disassembly or drilling of the battery can cause an explosion or fire.

Treatment of electrical and electronic equipment at end of life:



This symbol indicates that this product should not be disposed of with unsorted household waste.

A system of elimination and treatment specific to electrical and electronic equipment used, whose use is mandatory, has been implemented including a free right of recovery of used equipment on the occasion of the purchase of equipment new and separate collection by an accredited body.

For more information, **you can contact your local Council**. A correct disposal of electronic and electrical equipment used ensures treatment and an appropriate value to avoid damage to the environment and human health and conserve natural resources.

Trademarks

Enlaps™ and Tikee™ are registered trademarks or trademarks of Enlaps SAS in France and at the international level.

Other names and brands are the property of their respective owners.