



antifurtoarnia

B-SECURE by ANTIFURTO ARNIA – INSTRUCTIONS

Thank you for choosing B-secure, the first anti-theft device which allows you to remotely monitor your hives in real time.

B-secure is easy to use thanks to its rechargeable batteries so that you never leave your hive unprotected since you can replace the batteries on the spot.

B-secure is safe, since the bees and the honey never touch the electronic components. It is also invisible by being completely embedded in the hive frame.

Below is a list of the kit components and the instructions on how to use your anti-theft device.

THE KIT INCLUDES:

- B-SECURE anti-theft device
- battery
- connecting cable
- hive frame

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INSTRUCTIONS

1) Download the B-secure app

Go to www.antifurtoarnia.it and download the app.

Click on this button if you use an Apple smartphone.



Click on this button if you use an Android smartphone.



Activate your subscription for your device

If you haven't done it when buying the product, activate your subscription for each of your devices.

Go to www.antifurtoarnia.it or call us: **+39 0546 042021**

2) Open the app and create your account

- Click on “Register”
- Provide the requested data
- You are now registered!

Click on “Next” and you will find your account, where you can see the main app sections.

b-secure



Log in

Register

made by antifurtoarnia.it

3) Main app sections

The 4 icons on the bottom of your screen represent the 4 sections in which the app is divided.



1_Home: here you can find all your virtual hives, both those which you have associated with an anti-theft device and those you have not.

2_Scan: this page gives access to the camera of your smartphone in order to scan the QR code of the anti-theft device and then associate it with one of the virtual hives you have created.

3_Profile: here you can find your contact and profile information

4_Info and important links: here are the links to the websites for support, news, offers and to renew your yearly subscription of your device.

4) Create your first virtual hive

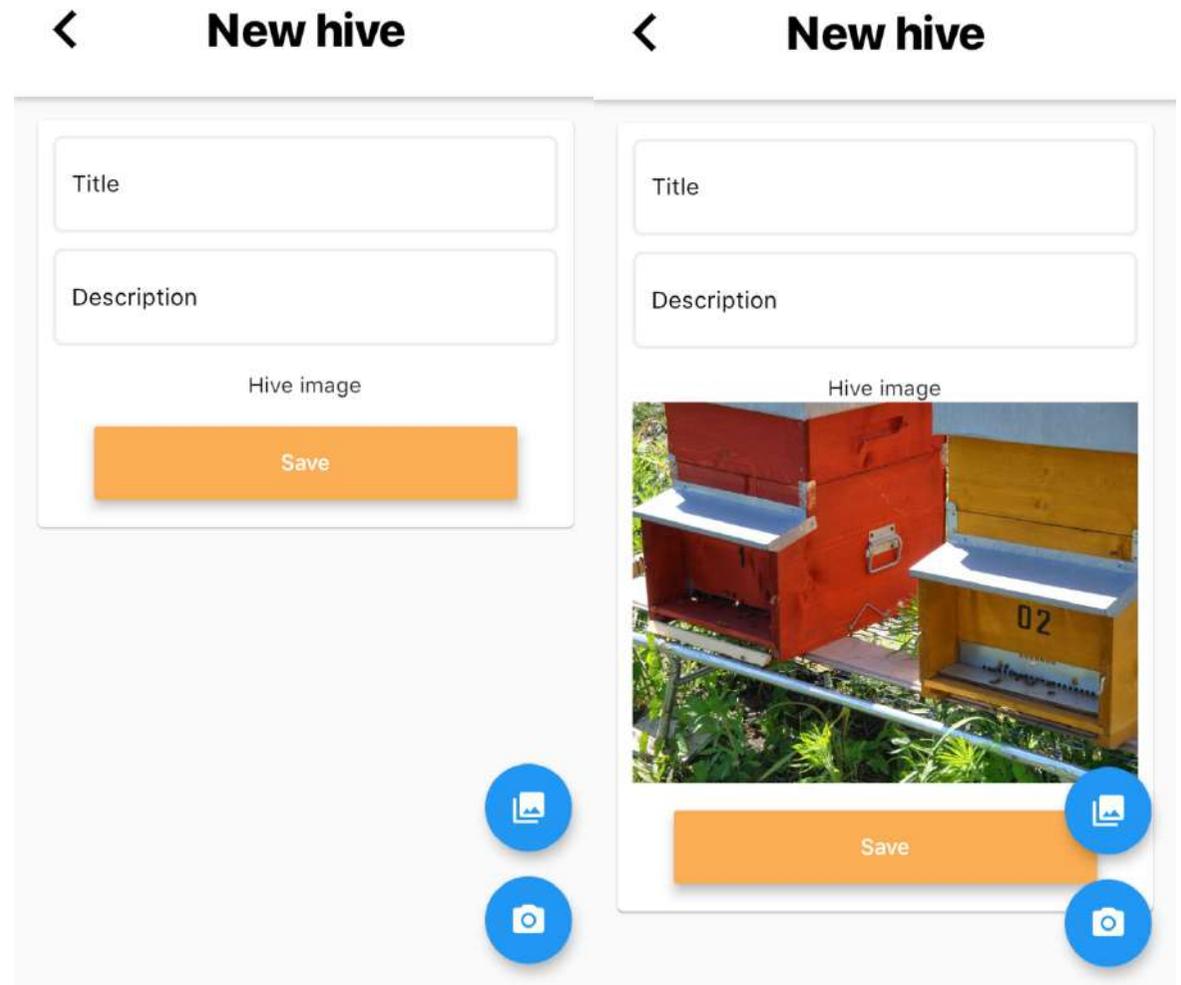
Click on “+” to create your first virtual hive



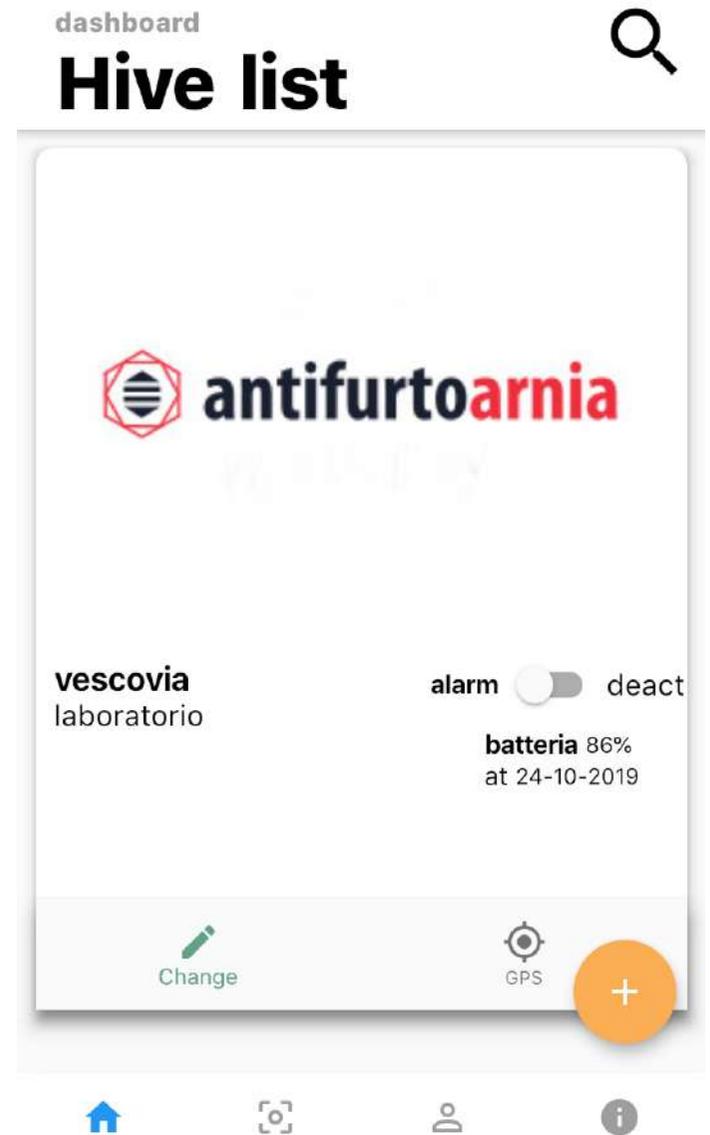
Now provide a title and a description for your hive.

You can also add a picture of your hive to easily recognize it in the app.

Then click on “Save”



You can now find your first virtual hive in the homepage.



5) Associate the anti-theft device with your virtual hive

Click on the “scan” icon from the bottom menu and go to the page “scan QR code”.

Select the virtual hive with which you want to associate the anti-theft device.

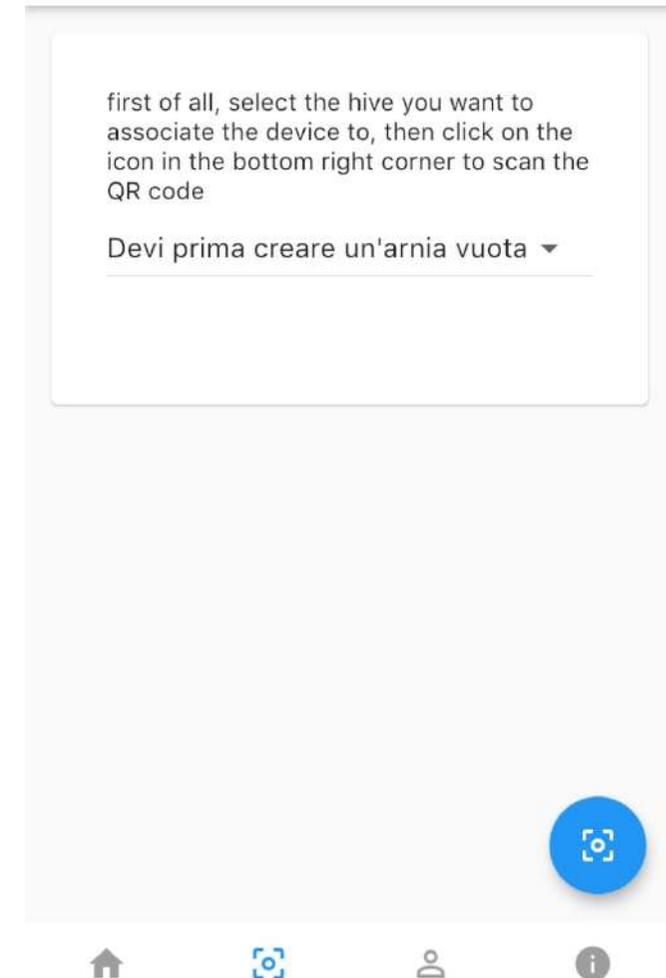
Then click on the bottom right button.



The app will access your camera.



Scan QR code



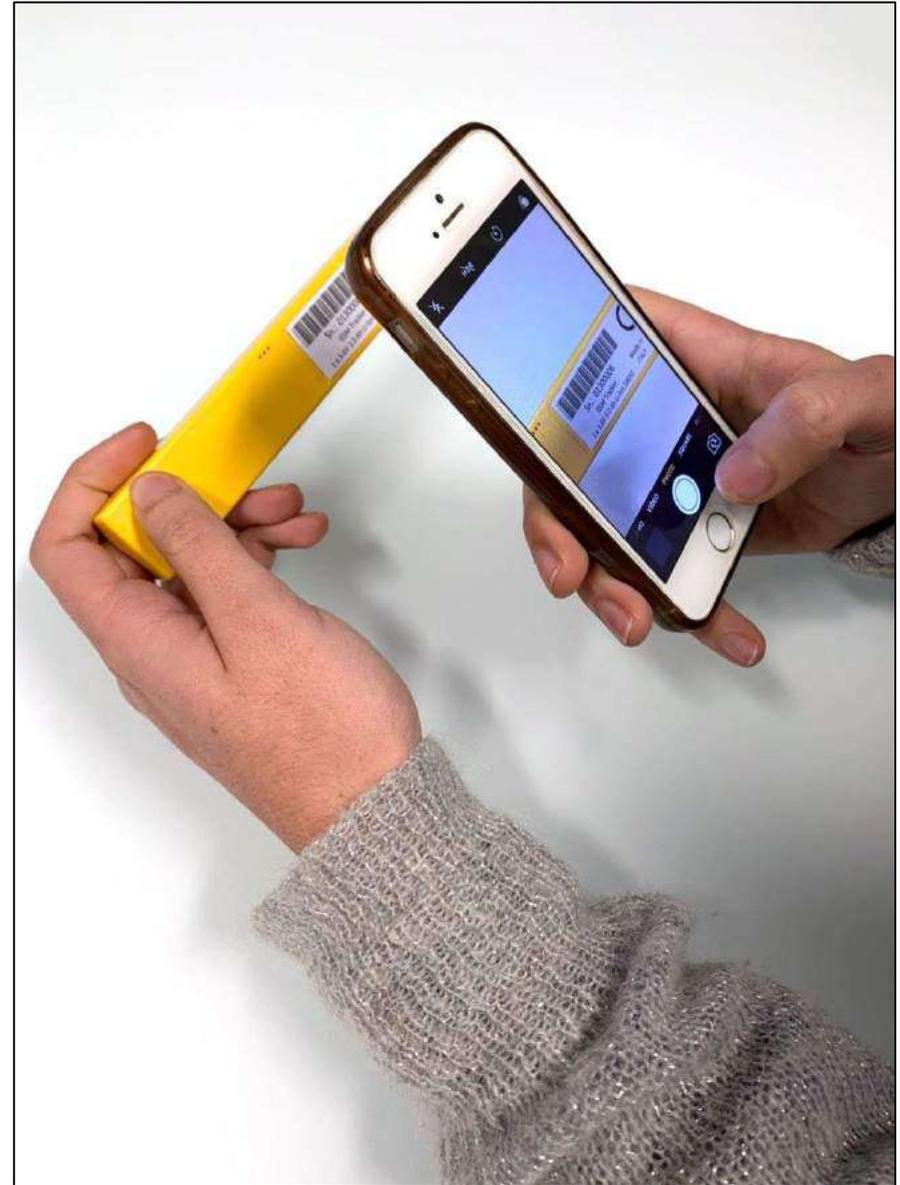
Frame the bar code placed under your device.

Line the red line on the screen with the bar code.

The app will recognize the code.

Click on **“Save”**.

Your anti-theft device is now associated with the virtual hive you have chosen.



6) Activate the anti-theft device

Verify that your device is activated in the virtual hive.



You will now find the **GPS icon** in the hive with which you have associated your device, as shown in the red circle in the image.

By clicking on the GPS icon you will access all the data collected by your device (page 19).

You will also be able to check the **expiration date of your subscription** and the **battery level**.

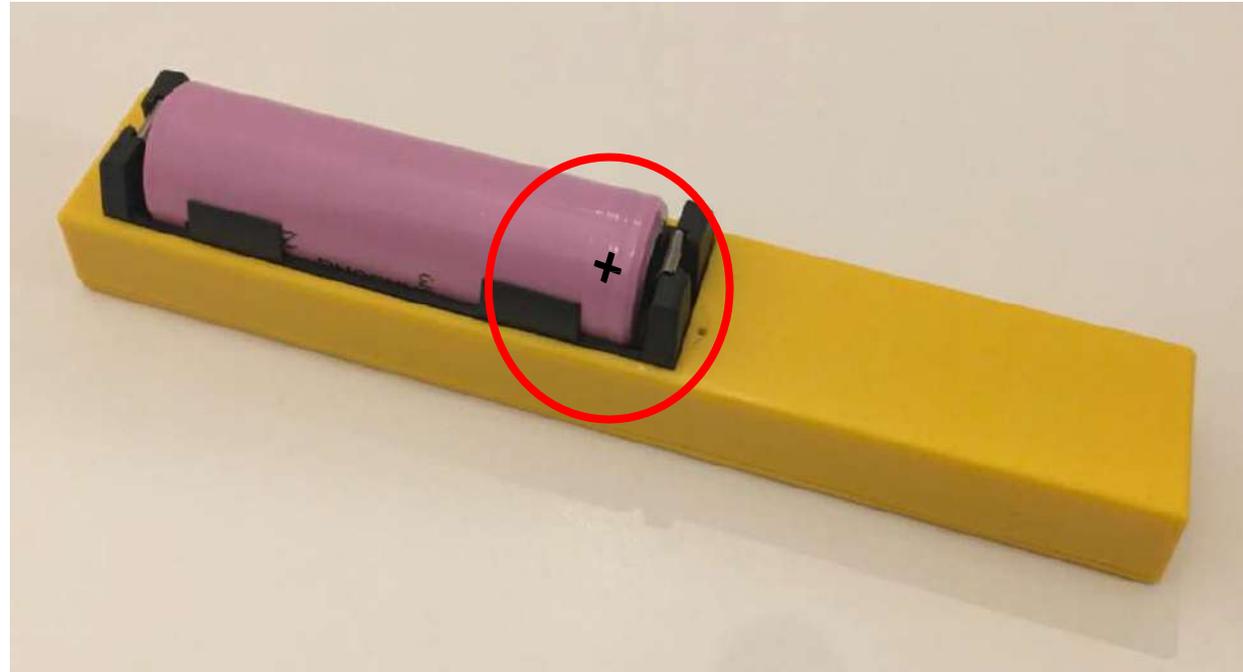


7) The battery

Place the battery in the device making sure to respect the polarity as illustrated in the red circle of the image.

Wait for the device to connect with the phone (approximately 2 minutes). Verify the battery level on the App. If it is above 90%, you can install your anti-theft device.

The battery comes with two stripes to easily remove it without damaging it. (Read on pages 24 and following the warning notes on the battery)



In case of **low battery**:

- recharge the battery with the dedicated cable (insert the cable in the right port pointed by the arrow)
- or substitute it with a charged battery.



You can purchase an additional battery and a specific charger.



8) Placing the device inside the frame



1. Unscrew the screws on the outside of the frame.

Take out the anti-theft device holder.



2. Wrap the part of the device containing the battery with a piece of plastic or film.



3. Place the device inside its wooden holder with the battery facing up.



4. Place the anti-theft device holder in the frame and screw the side screws.

Place the wax sheet on the frame: it is now ready to be put in the hive.

When turning on for the first time the device requires several minutes before locating its position in order to reach all the satellites and save them.

Your anti-theft device is now active!

In the next page you will find the information that are shown on the app when clicking on the **GPS icon** of one of the hives associated with a device:

- GPS position
- temperature
- humidity
- subscription expiration date
- battery level
- last connection of the day

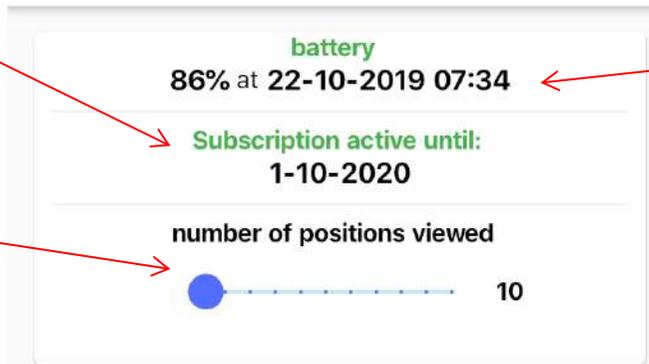


< Hive detail

yearly subscription expiration

selector of number of GPS to be shown

battery level and last connection of the day



battery
86% at 22-10-2019 07:34

Subscription active until:
1-10-2020

number of positions viewed

10

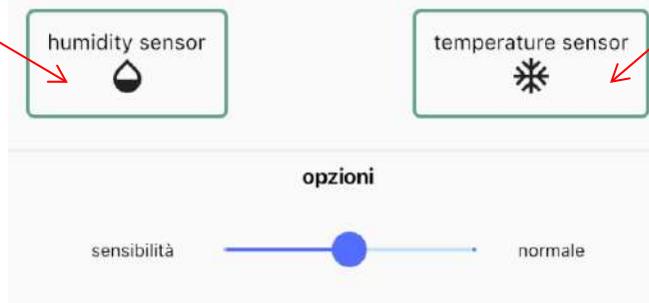
the red icon identifies the last registered position of the hive

Map: by clicking on the map you are redirected to **Google Maps**



by clicking on this button you can check the data related to the inside humidity of the hive

by clicking on this button you can check the inside temperature of the hive



humidity sensor

temperature sensor

opzioni

sensibilità —●— normale



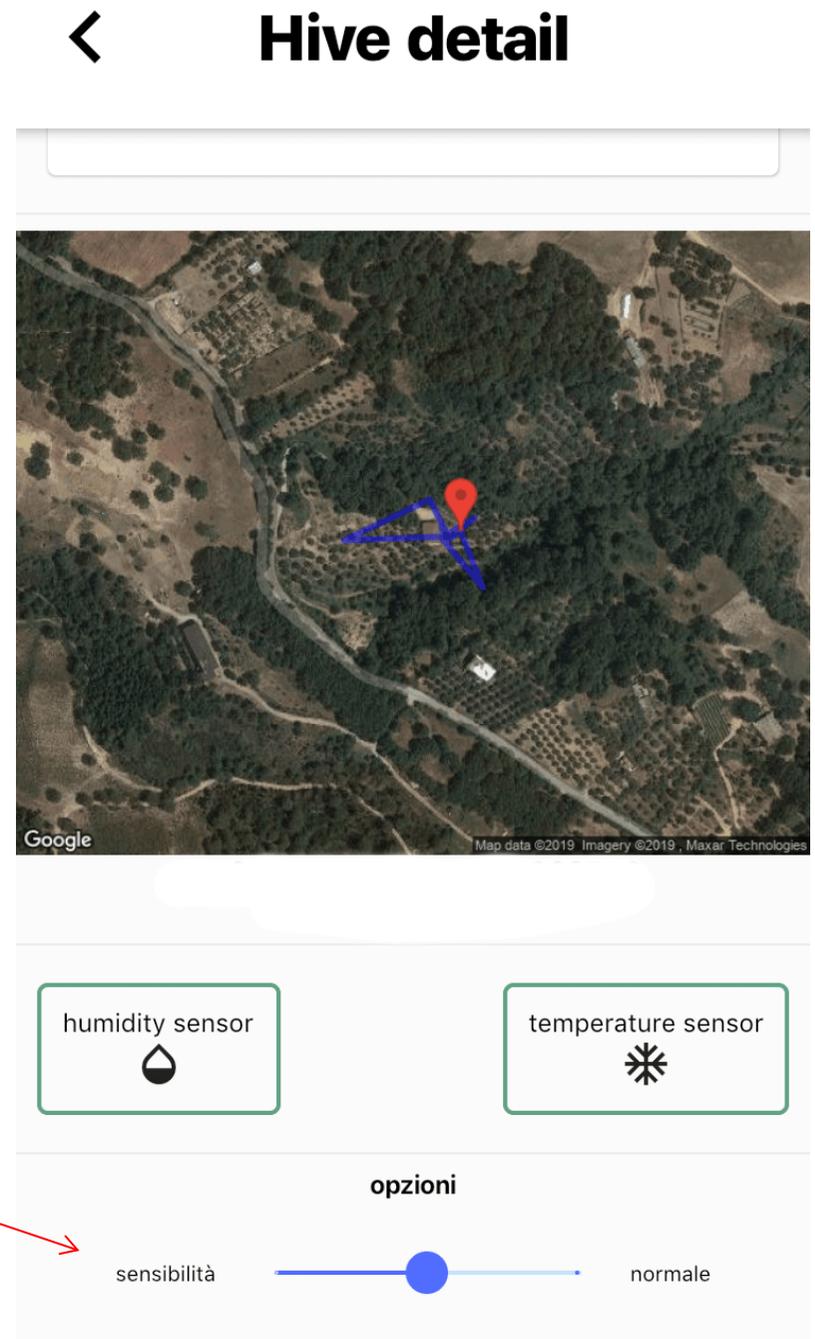
9) Adjust the sensitivity

You can adjust the sensitivity of your device.

Move the pointer:

- to the right to increase sensitivity
- to the left to decrease sensitivity.

Even when the sensitivity is at its minimum (extreme left), the device can register if the hive is being lifted up.



10) Battery removal

Battery removal is a delicate and important phase.

Use the strips to pull and remove the battery.

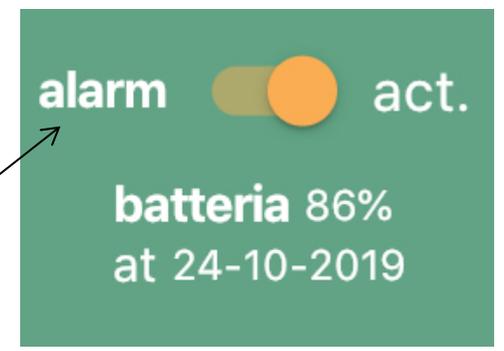
Alternatively, use a guitar pick or a similar tool by levering on the side.

Not following these instructions when removing the battery can lead to damages of the outer cover.

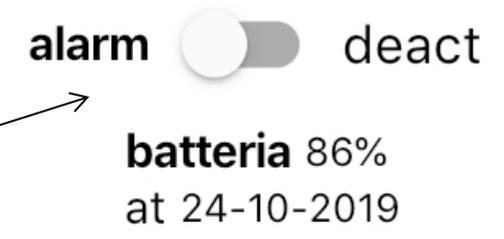


Battery usage in different modes:

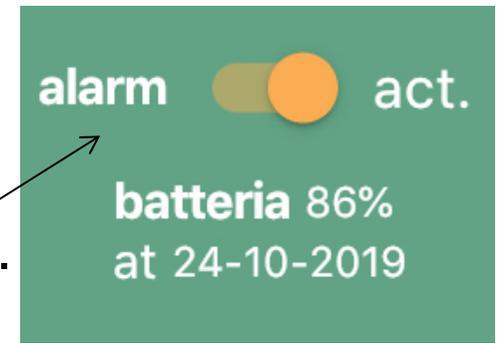
Situation 1: The device is activated in the app and the hive is still. When this mode is on, the device is always turned off, it will turn on only 10 seconds a day to provide the app with information about temperature, humidity and battery level. When this mode is on, the battery lasts about 6 months.



Situation 2: The device is deactivated in the app. When this mode is on, the device connects with the app once every hour (whether the hive is still or moving) to check if it has been turned on and can therefore proceed with its regular activity. When this mode is on, there is a moderate battery usage, which means it is higher than Situation 1 but lower than Situation 3. By leaving the device in mode Situation 2 for several days you will consume battery significantly.



Situation 3: The device is activated in the app and the hive is moving. This is true in case of theft or when you are moving the hive. When



this mode is on, the device continuously send its GPS position to the app and the level of battery consumption is high in order to ensure the finding of the hive.

Battery: warning

Warning: a misuse of rechargeable batteries can lead to damaging the device and the surrounding objects. Not using the battery according to these instructions may lead to explosions and fires.

Only use the charging mode of the device or a specifically-built battery charger. Never let the battery unattended while charging and do not place it near flammable objects. We recommend you use fireproof bags.

- Do not charge the battery with temperatures lower than 5°C or above 40°C.
- Do not use the battery with temperatures lower than -10°C or above 55°C.
- Do not leave the battery low or remove it from the charger when not charged.
- Do not leave the battery low for too long.
- Do not leave the battery out in the sun or rain.
- Do not bypass the battery and do not place it with metal components that could touch its positive or negative poles.
- Do not dip the battery in water.
- Do not try to open the battery.
- Do not let the battery fall and do not let children play with it.
- Do not use dented batteries.



Do not pierce or damage the battery in any way. Do not use it if the plastic cover is damaged, especially if there is no white protection ring around the positive pole.

The battery contains pollutants. Dispose it in specific disposal centres.

Battery: warning

Do not use the battery if the insulation on the positive pole is damaged.



Damaged insulation – do not use



intact insulation

Important notes:

Remember to **deactivate the anti-theft device** before moving the hive to avoid setting false alarms or consume the battery. Remember to **activate** the device when all adjustments to the hive are complete.

If the anti-theft device is placed in an area with mobile network coverage it will **notify** the app of the battery level every two days.

You can purchase an **additional battery** and a battery charger so to never leave the hive without protection. In this way, you can charge the battery at home without removing the device from the hive.

If you place the device in an area without mobile network coverage, it will activate at the first vibration and will send its position immediately when in a place with mobile network coverage. The device uses a **multi-operator SIM card** which can connect to any mobile operator.

Do you want to check your hive with more than one smartphone? Download the app on every device, create your virtual hive and scan the barcode. By doing so, more people will be able to act in case of theft.

FAQs:

Once fully charged, how long is the battery life?

With normal use, the battery can reach 6 months of activity. Remember to deactivate the device from the app when working on your hive to prevent useless battery usage.

I have deactivated and then activated the device. Why is it not transmitting if I am moving it?

After having been activated the device does not react to vibrations for 2 to 4 hours. After this period of time it will check the hive again without any further intervention.

Where should I place the anti-theft device?

The device is only to be placed in the hollow cave of the wooden device holder to prevent the bees from touching the device.

Which level of precision has the GPS?

In open field, the level of precision is up to 1 metre, but in presence of obstacles or without sufficient network coverage the number of detected satellites decreases and precision error can reach 30 metres.

Can I place the anti-theft device inside the honeycomb?

The device comes with a nest hive, which can however be modified to be placed inside the honeycomb. It is important to never install the anti-theft device out of the wooden anti-theft device holder.

How does the app work?

When the system is activated on the app and a vibration or movement in the hive is registered, you will receive a notification on your mobile. In the app, the hive will be displayed in red and not in green. When opening in the app the hive which has registered a vibration (and is now shown in red), the system stops the alarm and sets the hive back to green until there is a new movement or vibration.

When the alarm is deactivated the hive page on the app is white.

Do I have to renew my yearly subscription for each device?

Devices with expired subscriptions are automatically disabled and can neither receive nor send information.



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Contact us for information or assistance:

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