

BEESECURE ANTI-THEFT DEVICE FOR BEEHIVES INSTRUCTIONS

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

BeeSecure is simple to use and thanks to the rechargeable batteries it allows you to never leave the hive unprotected, in fact you can replace them on the spot.

BeeSecure is safe, since bees and honey never come into contact with the electronic components.

It is also invisible from the outside of the hive because it's completely integrated into the frame.

Below you will find the list of kit components and instructions for using your alarm.

KIT COMPONENTS

- BeeSecure anti-theft device;
- battery;
- connection cable;
- wooden holder.

INSTRUCTIONS

1) Download the b-secure App

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

It is available for both iOS and Android devices

Activate the subscription for your device

If you have not already done so at the time of purchase, activate the subscription for each of your devices.

Go to www.antifurtoarnia.it or contact us directly by calling 0546 042021

2) Open the app and create your account



- Click on "Register"

- Enter the requested information
 - You are now registered!
- Click on "Next" and you will find yourself on your account, where you can see the main sections of the app.

3) The basic sections of your app



The 4 icons at the bottom of the screen represent the 4 sections into which the app is divided.

HOUSE LOGO - Main page: here you can find all your virtual hives, both those with which you have associated an anti-theft device and those without it.

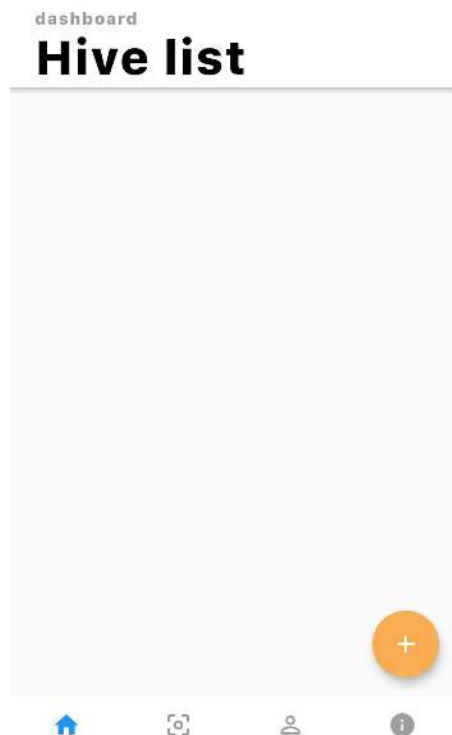
SQUARE LOGO - Scan: this page automatically opens the camera of your smartphone in order to scan the barcode on the anti-theft device and associate it with one of the virtual hives that you have created.

AVATAR LOGO- Profile: here you can find all your profile and contact information.

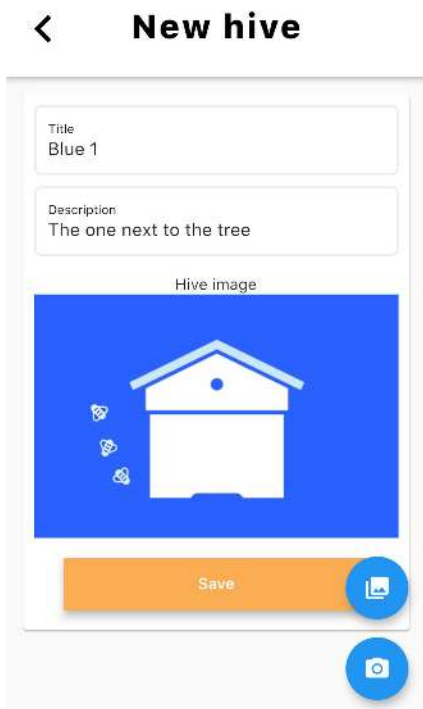
INFO ICON - Information and important links: here you can find links to sites for assistance, news, offers and to renew the device's annual subscription.

4) Create your first virtual hive

In the home page, click on the "+" to create your first virtual hive.



Now give it a title and a description of your hive.
You can also add a photo of the hive to easily recognize it from the app.
Finally, click "Save".

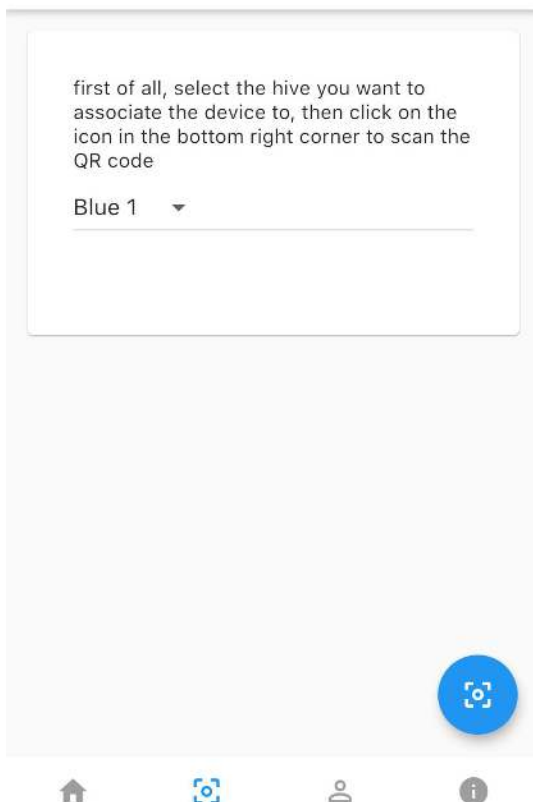


Now on the main page you can see your first virtual hive.

5) Pair the device with your virtual hive

Click on the second "scan" icon menu at the bottom and go to the page "Scan code".
Select the virtual hive you want to connect to the device.

Scan QR code



Then click on the blue button on the bottom right corner.

The camera will open.



Align the barcode found underneath the device.

Align the red line on the screen with the code.

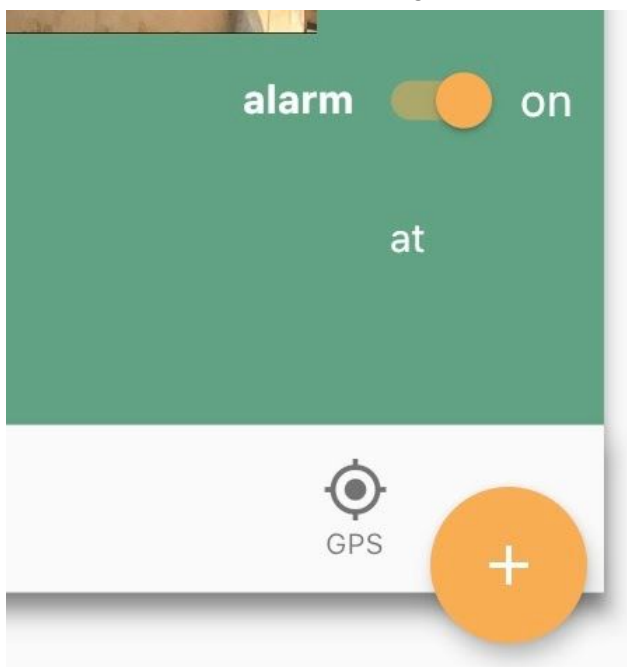
The application will recognize the barcode

Click on "save".

Now your burglar alarm is associated with the virtual hive you picked.

6) Anti-theft device activation

Check that in the virtual hive page the alarm is in active mode.

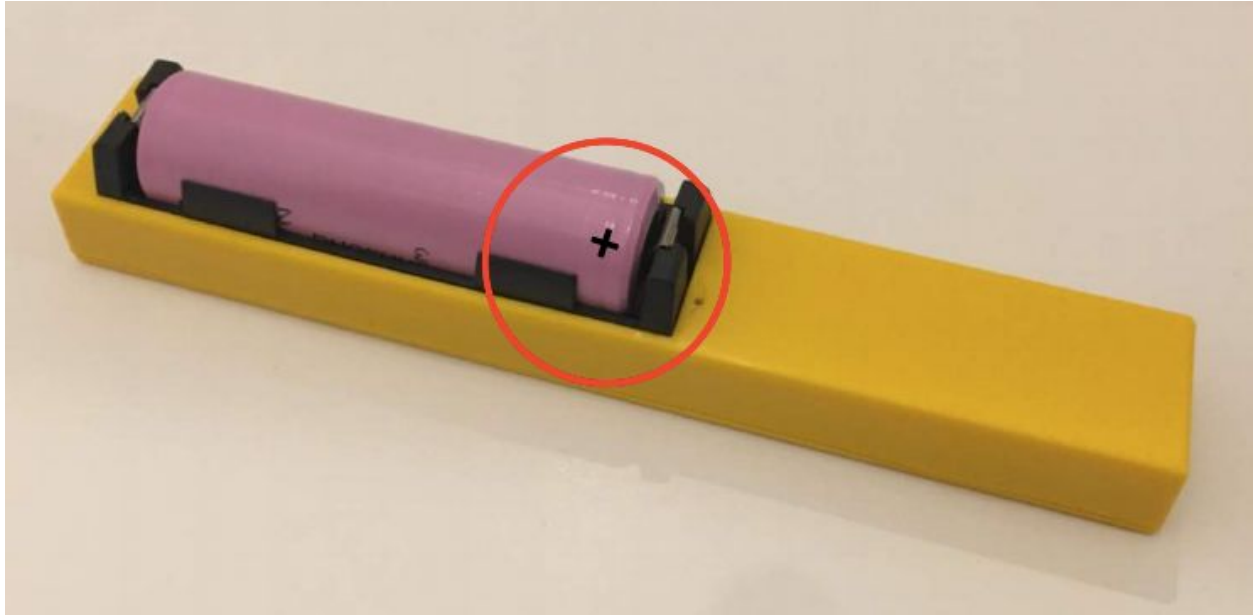


Now, in the hive to which you connected the device to, a "GPS" icon should have appeared under the "alarm" activation area.

By clicking on the GPS icon, you will have access to all information collected by the device. You can also check the expiration date of your subscription and battery charge level.

7) The battery

Insert the battery in the alarm paying attention to the polarities, as shown here:



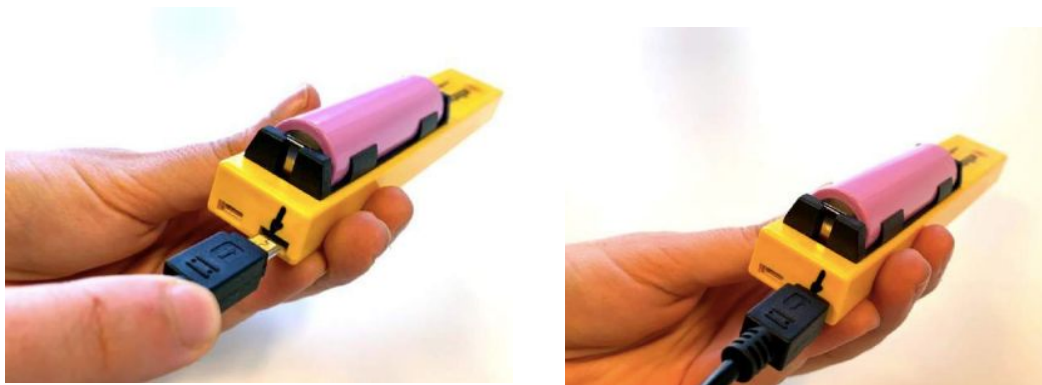
Wait for the device to send you a notification to your mobile phone (takes about 2 minutes). Now check the state of charge of the battery from the App. If it's above 90% you can proceed with the installation of the device.

The battery is equipped "strings" to be able to remove it easily without damaging it.



In case the battery is low:

- recharge it by connecting the cable to the device as shown below:



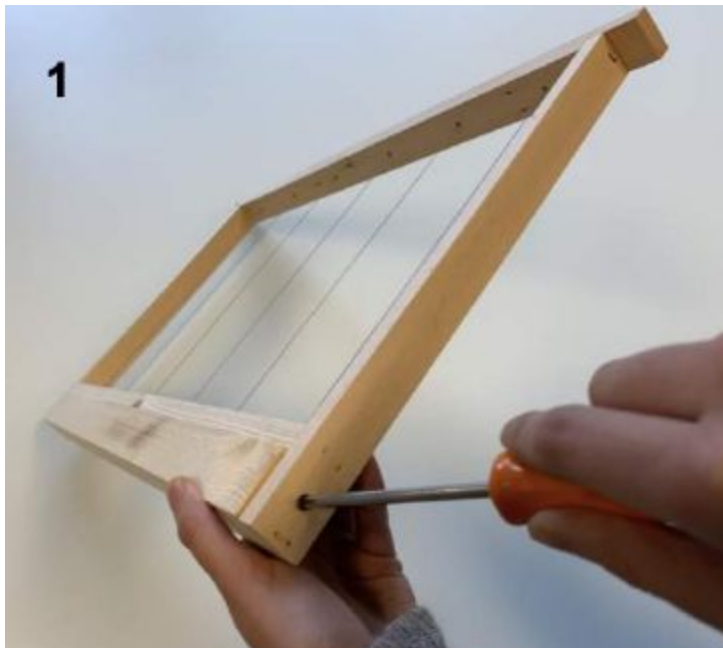
- or replace it with a charged battery.

You can purchase an additional battery and a battery charger.



8) Inserting the anti-theft device into the frame

Unscrew the screws on the edge of the frame and remove the wooden holder.



Wrap the device (only the part containing the battery) with plastic wrap.



Insert the device into the cavity of the wooden holder, leaving the battery facing upwards.

3



Insert the holder with the device into the bottom of the frame and tighten the side screws again.

4



Insert the wax sheet in the frame. Now the frame with the device is ready to be placed inside the hive. The first time you turn it on, the device will take a few minutes to detect your position since it takes some time to reach all the satellites and save them.

From now on the device is active!

On the next page you will find the information in the app by clicking on the GPS icon of a virtual hive that the device is associated with. You will be able to see this data:

- GPS position with Google Maps
- temperature,
- humidity,
- subscription expiration date,
- battery charge level,
- last daily connection.

9) Adjusting the sensitivity

There is the possibility to adjust the sensitivity of the device.

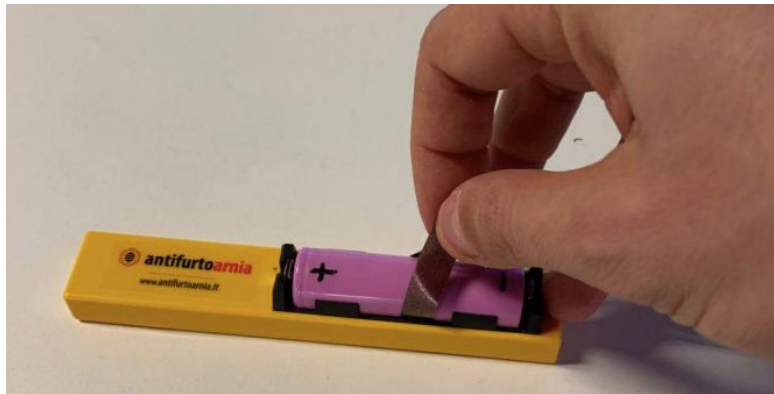
Move the cursor to:

- right to increase sensitivity;
- Left to decrease sensitivity.

Even if you put the sensitivity to the minimum (far left), if the hive is raised, the device will still be capable of detecting movement.

10) Removing the battery

The removal phase of the battery is very important and delicate. Use the appropriate tabs to pull and remove the battery.



Alternatively, use a pick or a similar tool, pushing it out from the sides.



Battery removal not carried out the recommended way could damage the coating.

Battery consumption in the various modes of use:

Situation 1: the device is active in the app and the hive is not moving. In this mode the device is always off, it switches on only once a day for about 10 seconds to send temperature and humidity data as well as the battery charge level to the app. In this mode, the battery lasts about 6 months.

Situation 2: the device is disabled in the app. In this mode the device sends data to the app once an hour (whether the hive is stationary or in movement) to check whether it has been switched on again and whether it can then resume normal activity. In this mode the battery consumption is average, which means that it consumes less than in Situation 3, but more than in Situation 1. Leaving the device in Situation 2 for too many days means that battery consumption will increase significantly.

Situation 3: the device is active from the app and the hive is moving. It is the case of theft or displacement of the hive. In this situation the device continuously sends its GPS position to the app and the consumption of the battery is high to ensure the recovery of the stolen hive.

Battery warnings

Attention: incorrect use of rechargeable batteries can lead to damage of the device and the objects that surround it. The battery that is not used according to the following indications may result in explosions and fires.

For charging use only the charging function of the device or a charger specifically built for the battery. During charging, never leave the battery unattended and do not place it near flammable objects. The use of special fireproof bags is recommended.

Do not charge the battery in temperatures below 5 ° C or above 40 ° C

Do not use the battery in temperatures below -10 ° C or above 55 ° C

Do not leave the battery dead and remove it from the device when it drains.

Do not leave the battery dead for a long time.

Do not leave the battery exposed to the sun or rain.

Do not short circuit the battery and do not place it together with metal parts that could come into contact with the terminals.

Do not immerse the battery in water.

Do not attempt to open the battery.

Do not drop or let children play with the battery.

Do not use a battery that has dents.

Do not puncture or damage the battery in any way and do not use it when the plastic protection film is damaged, especially if the white protective ring around the positive terminal is absent.

The battery contains pollutants, dispose of the battery in appropriate disposal centers.

Battery: warnings

Do not use the battery if it has damaged insulation on the positive terminal



Important tips

Remember to deactivate the device before moving the hive, to avoid false alarms or drain the battery. Remember to reactivate the alarm once the work in the hive is finished.

If the device is located in an area covered by cellular service, it will send the charge level data of the battery to the app once every two days.

You can also buy a replacement battery and a battery charger in order to never leave the hive unprotected and recharge dead batteries at home without removing the device from the hive.

If you place the device in an area without cellular coverage, the device will activate at the first vibration and transmit the position as soon as it is in an area with a cellular signal. The device uses a multi-operator sim card capable of connecting to all telephone operators.

Do you want to monitor your hive with more than one smartphone? Download the application on each smartphone, create the virtual hive and scan the barcode. This way more people will be able to intervene in case of theft.

Frequently asked questions

Once I have fully charged the device, how long can it last?

With a regular use of the device you can have up to 6 months of activity. Remember that when performing maintenance on the hive, to avoid unnecessary updates from the device, you must deactivate it through the appropriate button in the app.

I deactivated and reactivated the device, I am moving it but it is not transmitting. Why?

Once deactivated, the device remains insensitive to vibrations for a time varying between 2 and 4 hours after reactivation. Once this period of time is over, the device will return to protecting the hives without the need for further action on your part.

Where should I place the device?

The anti-theft device must only be inserted into the appropriate cavity in the wooden anti-theft holder, to prevent bees from coming into direct contact with the device.

How accurate is the GPS?

The GPS in the open field has an accuracy of up to one meter, however it's possible that, in the presence of obstacles or because of poor signal, the decreased number of satellites detected- the error in the position can increase to up to 30 meters.

Can I install the burglar alarm in the frames?

The device is supplied with the bottom nest frame holder, which can be modified to be inserted in the bottom of the frame. It is important not to install the device outside the wooden holder.

How does the app work?

When the device is activated (from the app) and a vibration or movement is detected in the hive, a notification will arrive to your mobile phone and once the app is opened, the hive that is taken will be red instead of green. By opening the app, the hive that was moved (and which appears red), the system cancels the alarm and makes the hive green again, waiting for a new possible vibration or displacement. When the alarm is deactivated, the hive screen is white.

Does the annual subscription need to be renewed for each individual device?

Subscription devices expired are automatically blocked and do not send or receive communications.

For more information and assistance:

www.antifurtoarnia.it

info@antifurtoarnia

+39 0546 042021

