BeeSecure

ASSET TRACKING | RURAL SECURITY | REMOTE MONITORING

LoRa "RB11E" Indoor Motion/Temperature Sensor
Getting Started

beesecure.ca
app.beesecure.ca

Contents

Part A: Account Activation

Please see the BeeSecure Setup Guide at beesecure.ca/getting-started to setup your account on app.beesecure.ca.
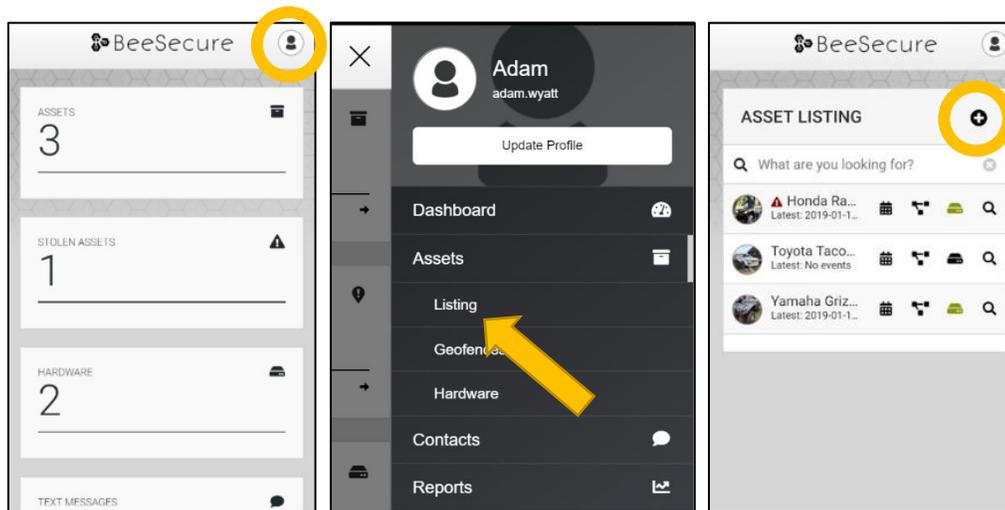
Part B: Device Activation

Step 1: Log in to the App

i) Open the BeeSecure app that you added to your phone's home screen, or go to app.beesecure.ca on your computer, and sign in
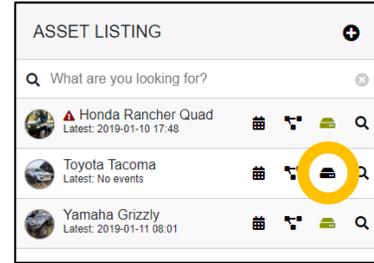
Step 2: Create an Asset to Track

Here we will create an asset that you are going to use the sensor for. For example, this could be a shop, shed, beehive, etc.

i) Click the user icon in the top-right corner of the screen and navigate to 'ASSETS' ➔ 'LISTING'

ii) Click the (+) icon at the top-right next to 'Asset' to create an asset

iii) Give your asset a Name; optionally, add a description and photo. Common descriptions include asset make, model, colour, and license plate number (when applicable). This information can help law enforcement recover your stolen assets if you choose to share the information.

iv) When you're done, click 'CREATE ASSET'
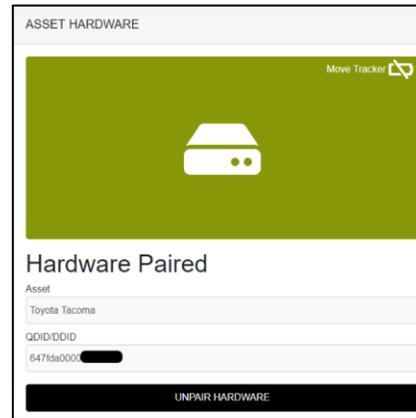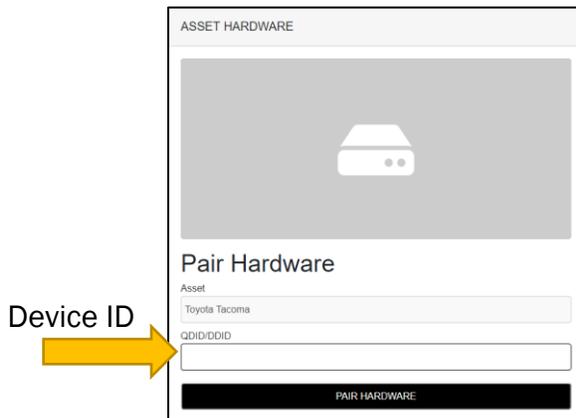
Step 3: Pair your BeeSecure Hardware with your Asset

i) Navigate back to 'ASSETS' ➔ 'LISTING' by opening the side bar using the top-right icon

ii) Click the hardware icon (🖴) to the right of the asset's name:

iii) Enter the device ID of your sensor. The device ID is found on **the label on the bottom of your tracker**. The number is different for different models of trackers:

(most common)
Motion/Temperature Sensors: "Dev EUI"

NETVOX
RB11E
DEV EUI: 0123456789ABCDEF

S/N: 012345678

Device ID

iv) Once entered, click 'PAIR HARDWARE' to activate your device.

Under 'ASSETS' ➔ 'LISTING', the black-box icon from before should now be green.
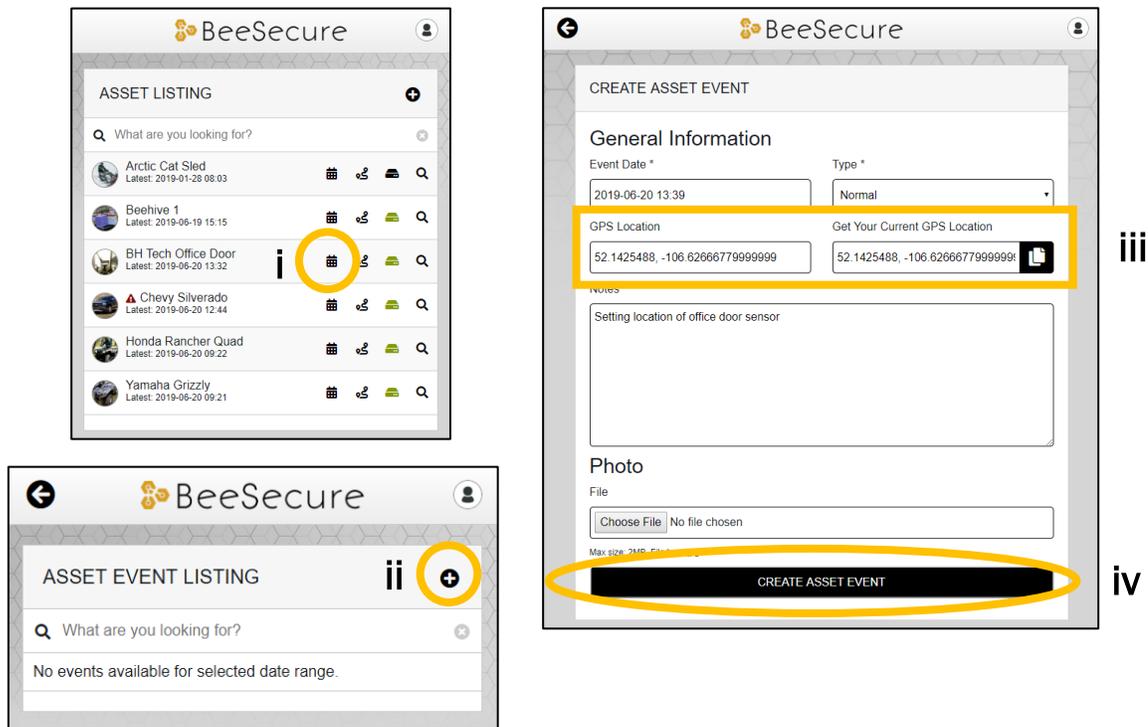
IMPORTANT: Please keep your device ID in a safe place. You will need this number to pair your device again if you decide to unpair it or transfer it to a different asset. There should be another device ID sticker in the box with your tracker. It is recommended to keep this and remove the sticker from the bottom of your tracker.

Part C: Set Location of Device in App

The "RB11E" does not have a GPS to find its own location, so in the BeeSecure app you will have to manually set its location so it will show up properly on the map.

After pairing your device to an asset in the BeeSecure app, set the location of this asset by manually creating an asset event:

i) Go to the "Assets" page in the BeeSecure app, and click the 📅 icon

ii) Click the ➕ icon on the top right to create an event

iii) Type in the GPS location (latitude, longitude) into the "GPS Location" box. If you are standing at the location with your phone or computer, you can click the ✈ icon to get your current location, then copy and paste it into the "GPS Location" box.

iv) Click "Create Asset Event" at the bottom of the page. Now you should see the location of this device on the Asset Map.

Part D: Power on your "RB11E"

Step 1: Power on the RB11E

i)   The RB11E comes with batteries installed. To power on the sensor, press and hold one of the two buttons on the side until the red light comes on.

ii) To power off the sensor, press and hold both buttons for 10 seconds, until the green light starts flashing, or simply remove the back cover and take out the batteries.

Step 2: Replacing the Batteries

i)   Please contact hello@beesecure.ca if you require new batteries. The RB11E uses special long-lasting batteries, and off the shelf AA batteries will not work!

ii) After replacing the batteries, press and hold one of the side buttons until the red light turns on.

Step 3: First Time Connecting

i)   When you turn on the device, the red light will flash ones. As soon as the device connects to the BeeSeucre LoRa network through a LoRa Gateway, a green light will flash once and the sensor will now communicate with the BeeSecure app.

ii) Make sure the device is within range of a LoRaWAN gateway.

iii) If it can't connect to a LoRa Gateway (weak LoRa signal), this process will time out after 10 minutes, and will start again the next time the device is powered off and on.

Help

If the device can't get LoRa reception and isn't sending data to the BeeSecure app, make sure the device has an unobstructed view of a LoRa gateway. If metal or concrete is between the tracker and gateway, the signal range will be reduced.

Part F: Device Operation

i)   If no people are detected by the sensor, the device will report its battery status and temperature once every 2 hours.

ii) When motion is detected, the device will transmit and alert to the BeeSecure app.

iii) A low battery alert will appear in the BeeSecure app if the battery is low. Note that extreme cold temperatures or the use of incorrect types of batteries could set off this alert prematurely.

Part G: Track Your Assets

Track your BeeSecure-Guarded Assets

i)   You can customize the notifications you receive from your asset trackers via the 'ASSETS' → 'LISTING' screen – click the settings icon (🔍) next to your asset

ii) Under 'Notifications' you can:

a. Flag your asset as stolen (only do so in the case of a confirmed theft). Coming soon, law enforcement will be directly notified when your asset is stolen.

b. Edit the date your asset was stolen

c. Adjust the notification interval for when you will be notified that your asset has started moving.

For example, if set to 1 hour, you will be notified that your asset started moving only once it has been stationary for 1 hour. This helps prevent false alarms and limits the number of text messages sent.

Don't worry, your asset will still be tracked regardless of if you receive a notification or not.

Notifications

Stolen *

No ▼

Stolen Date

YYYY-MM-DD

Notify Of Movement Once Idle For *

1 hour ▼