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Osprey Electronics Hotspot G1

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Product Overview

The Osprey Electronics Hotspot G1 is a combination LongFi wireless router and Helium Blockchain PoC (proof of coverage) built and distributed by Ingenious Technology LLC. It creates a long-range network for routing packets from Helium LongFi-enabled devices and performs ongoing mining duties to secure the Helium Network. The "Osprey Electronics Hotspot G1" is the name of the Hotspot designed, manufactured, and distributed by Ingenious Technology LLC.



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Interface Instruction

We've designed the app to be pretty intuitive when on-boarding a new Hotspot, but sometimes a little additional information can help clear up any lingering questions about what to do next.

Step 1: Download the app:

- iOS [h https://apps.apple.com/app/id1450463605](https://apps.apple.com/app/id1450463605)
- Android: <https://play.google.com/store/apps/details?id=com.helium.wallet>

Step 2: Sign in or Create Account:

- Don't forget to write down your 12 word seed phrase, and keep them safe!!

Welcome to Helium

Host a Hotspot and earn \$HNT, a new cryptocurrency, for building The People's Network.

Create an Account

Import Existing Account

Creating Secure Account.

Helium accounts are protected by 12 unique words, that act as a password for signing in or

Generate my 12 words

Your 12 Word Password

It is crucial you write all of these 12 words down, in order.

Helium cannot recover these words.

12. LAWN

I have written these down

Confirm Your Words

Which word below was your 1st word?

1. ??????

END DESIGN POPULAR

DYNAMIC BUTTER KINGDOM

RUN MERCY IMAGE

WORRY COLOR USED

I forgot my words

Set PIN Code

Let's secure your account with a PIN Code.

0 0 0 0 0 0

1 2 3

4 5 6

7 8 9

0

Repeat PIN

Re-enter your PIN

0 0 0 0 0 0

1 2 3

4 5 6

7 8 9

Cancel 0

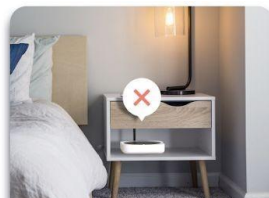
Step 3: Plug in the Hotspot:

- Pretty easy, right? Plugging it into the outlet automatically powers it up. It can take a few seconds for the lights to come on while it boots.
- Please review the placement recommendations to ensure that your hotspot performs to the best of its ability. The better your hotspot can do its job, the more likely you are to earn rewards.



Give me a nice view

Hotspots love places where they can see plenty of sky, ideally on the topmost floor of your house or office.



Don't hide me

Hotspots shouldn't hide in a nightstand or bookcase. Put it next to a window instead.



Buildings may block my signals

Nearby buildings may decrease your Hotspot's coverage for nearby devices.

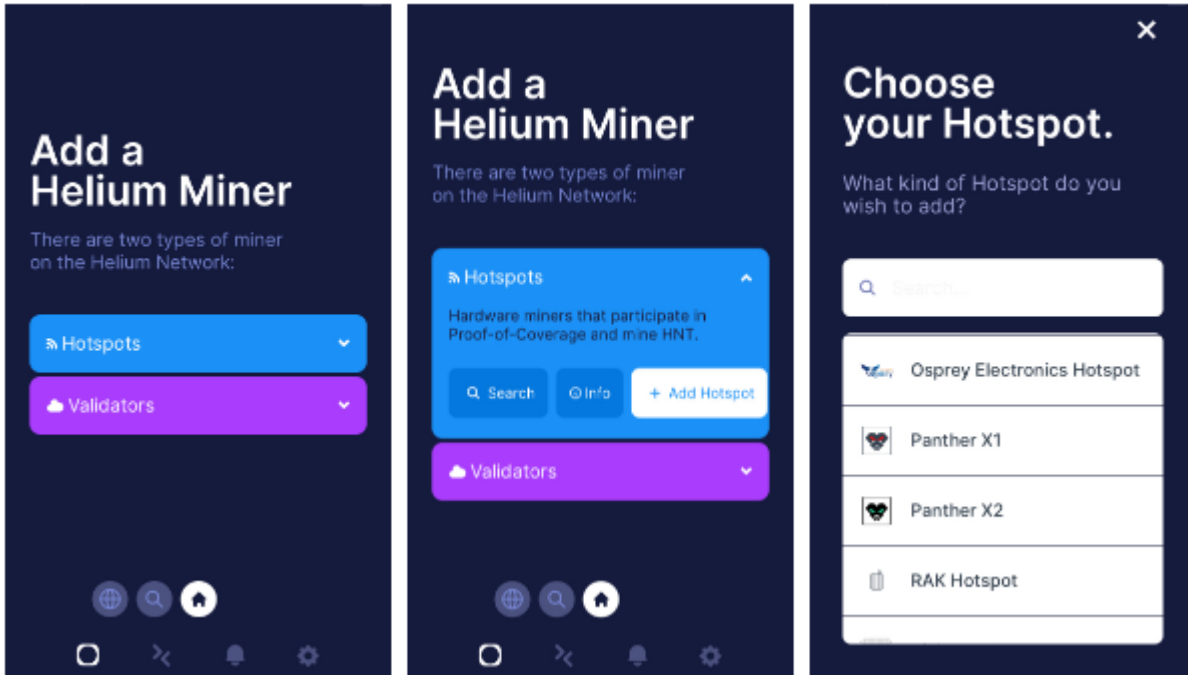


Finally - I hate bug screens!

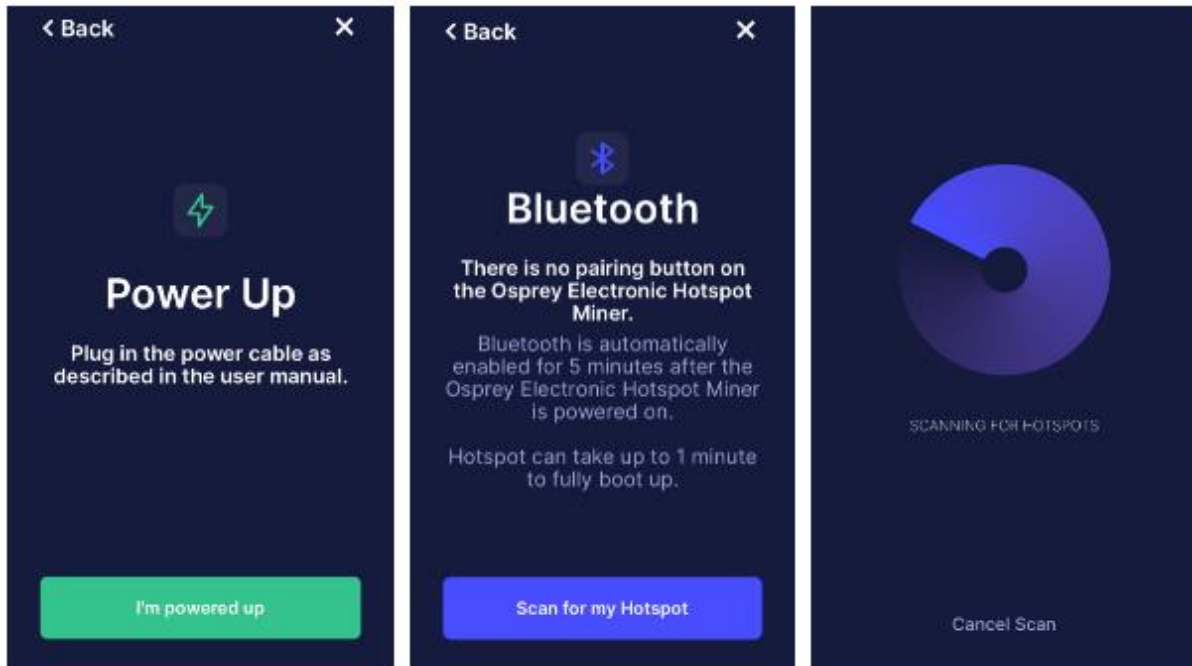
Try to keep your Hotspot away from metal meshes, which can block radio signals dramatically.

Step 4: Set up the Hotspot:

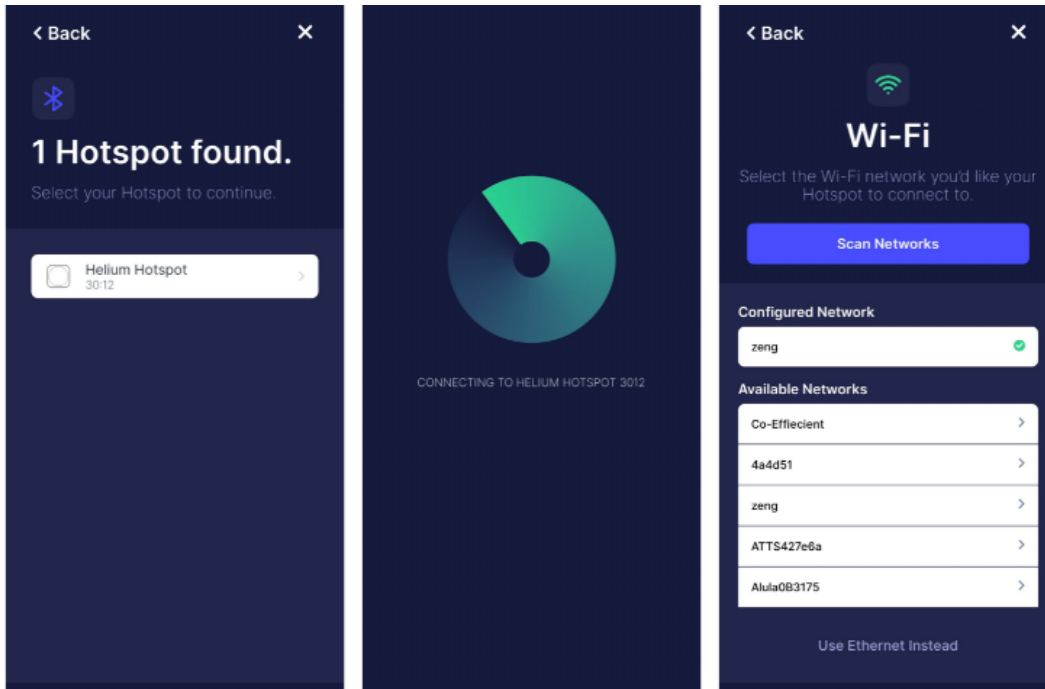
- In the app, go to the Hotspots tab and click the “Add Hotspot” button and choose “Osprey Electronics Hotspot” .



- Make sure your hotspot is powered on and click "I'm powered up", and start to scan hotspots that will walk you through pairing up over Bluetooth.
- FYI, this is done through the app, it won't show in the phones' Bluetooth devices' area.
 - Note that both Bluetooth and Location Services need to be enabled in both the phone settings as well as the app settings.

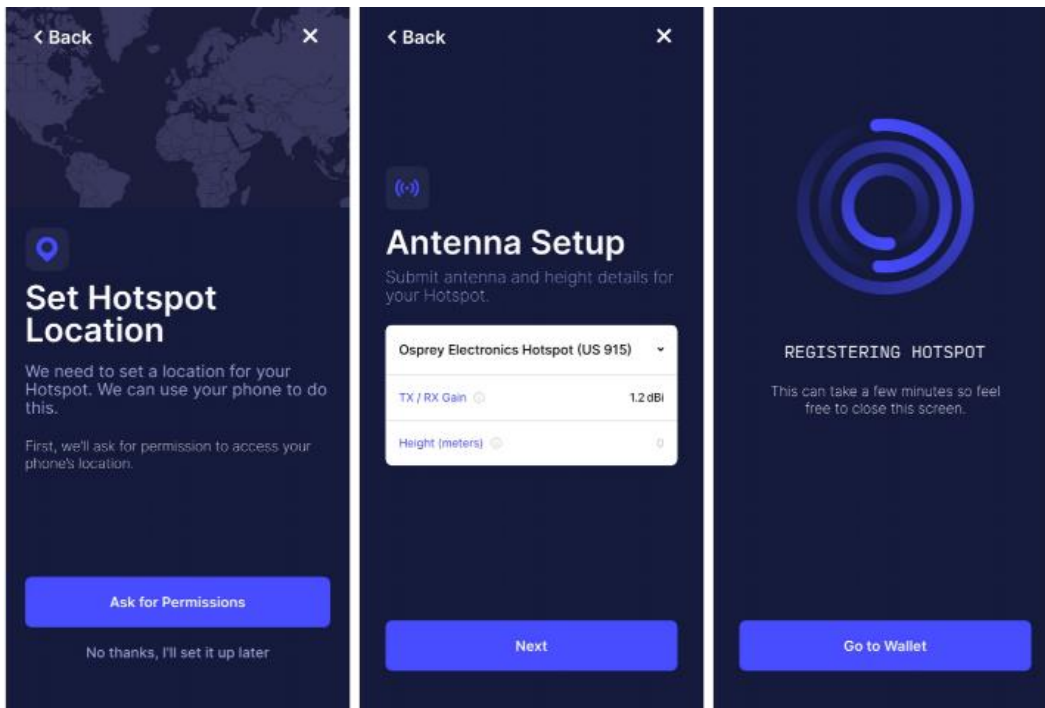


- When you can see the hotspot, please check the name and last 4 digits of the mac address to make sure you have scanned your hotspot correctly.
- Choose to connect to your hotspot.
- Since the connection is successful, you will be able to choose the internet connection method for the hotspot via wifi or ethernet.
- This can be done by selecting an available WiFi network or plugging in an Ethernet cable.
 - If you have trouble connecting, please check out the Network Troubleshooting Guide for some tips.



Step 6: Add the Hotspot to the Blockchain:

- Depending on when exactly your Hotspot was produced, it may require a firmware update as well. You'll see a page in the app of this if it's required. In that case, you just need to leave it plugged in and connected to the internet for about 15 minutes...so you can take a break, go grab a coffee, watch some TV, etc, and then come back, re-pair over Bluetooth, and proceed through the steps. At that point, as long as the internet has been properly connected it will have automatically updated and you'll be able to skate through the setup.
- Next, configure the location for your hotspot and set up the antenna.
- Finally, wait for hotspot registration.
- You'll see a note about On-Boarding Fees.



Step 8: You're done!

- Please allow 24-48 hours to fully sync the blockchain.
- Once it's synced, and if you're data hungry or curious, you can monitor your Hotspot and the Network from within the app, or from one of the two following pages:
 - Our network visualizer and block explorer: <https://network.helium.com/coverage>
 - Our Dashboard: <http://dashboard.helium.com>