



HT-M2808

Indoor LoRaWAN/LongFi Hotspot



warning

After the machine is connected to the network (either by inserting the network cable before the Helium APP connection, or after configuring the Wi-Fi through the Helium APP), it will start to update the firmware of the miner and start to synchronize the blockchain. If the power is cut off at this time, a system error may occur.

Please press and hold the shutdown button to shut down. Direct power failure may damage the eMMC.



Activation process

Step 1: Download Helium APP through Apple Store / Google Play



Step 2: Connect the antenna first (required), and insert the network cable (if needed). Plug in the power cord and Hotspot will automatically turn on.

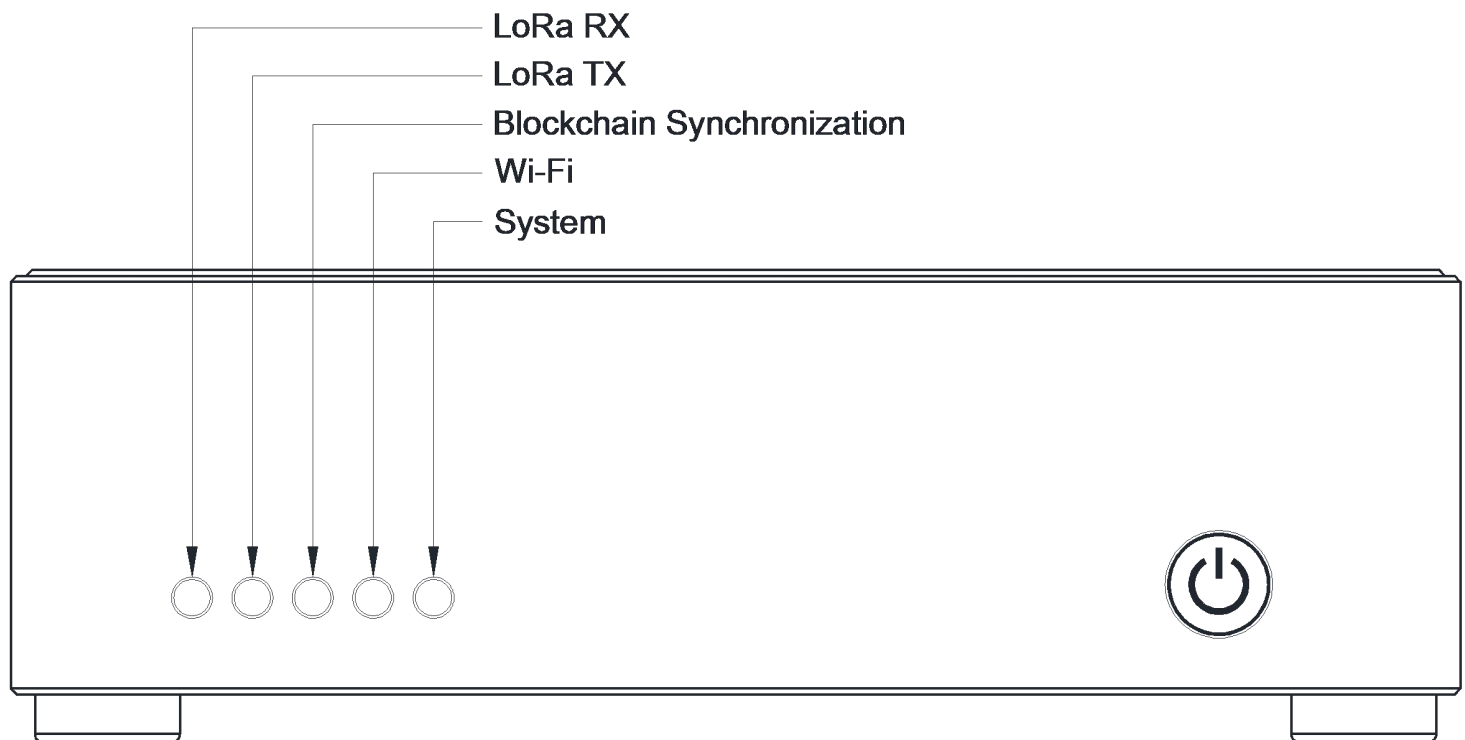
Step 3: Use Helium APP to connect to Hotspot.

<p>1) Select Heltec Indoor Hotspot in the Hotspot list</p>	<p>2) Read Hotspot deployment and diagnostic instructions</p>	<p>3) Orange light is always on or flashing, system start up.</p>
<p>4) When the power button LED flashes, Bluetooth is turned on</p>	<p>5) Choose your Hotspot and connect via Bluetooth</p>	<p>6) According to your situation, choose to use Ethernet or Wi-Fi</p>

<https://heltec.org>

Description

LED description



Function	Color	Description
LoRa RX	Red	This LED flashes when LoRa receives data.
LoRa TX	Green	The LED flashes when LoRa sends data.
Blockchain Synchronization	Orange	<ul style="list-style-type: none"> ● Blinking: Blockchain synchronizing; ● Steady on: Blockchain synchronize complete.
Wi-Fi	Blue	Wi-Fi connection is successful.
System	White	HT-M2808 Linux kernel running.



Power button description

- Short press: Restart the system.
- Press longer than 3 seconds¹: System shut down.
- The blue light of the power button flashes five minutes after the device is powered on or reset, and Hotspot's Bluetooth can be found and paired at this time.

Bluetooth description

The blue light on the power button will continue to flash for 5 minutes after the system is turned on, and the Hotspot Bluetooth will be activated. If the Bluetooth is not connected within 5 minutes, it will be turned off automatically.

Local diagnostic page introduction

Enter the LAN IP address of Heltec Indoor Hotspot in the browser to open the local diagnostic page.

- Default user name: HT-M2808
- Default password: The last 6 digits of your devices' Ethernet Mac address, in lowercase.

For example, your ETH address is 11:22:33:AA:BB:CC, then your default password is aabbcc.

The Ethernet address can be found on the back label of the fuselage. If the label is broken, Plug the network cable into the device, you can see the Mac address in the router's management page.

For more information about Heltec Indoor Hotspot, please visit:

<https://heltec.org/project/ht-m2808>

¹ Long press the button for 3 seconds, and then release the button when the LED lights are all off.



Packing List

Name	Unit	Quality
Heltec Indoor Hotspot	PCS	1
12V / 3A DC Adapter	PCS	1
DC adapter 110/220V power wire	PCS	1
SMA LoRa antenna (1.5m shielded wire)	PCS	1