

SHIELD MegaFi Mobile Kit

Quick Start Guide

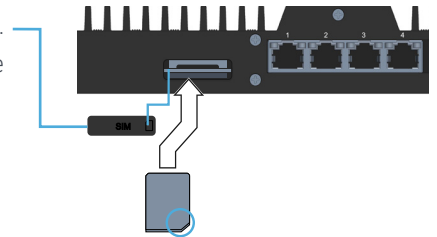
Included in the Box

- High Power MegaFi Router
- Roof Mount 6-in-1 Antenna, Includes 3x Cellular, 2x Wi-Fi, and 1x GPS Connections
- Locking DC Power Cable
- Ethernet Cable
- SIM Ejector Tool
- Quick Start Guide for Quick Router Configuration and Connection

1

Install the SIM

1. If your Nextivity Partner has preinstalled the SIM, skip to the 'Connect Antennas to the Router' step.
2. Remove the SIM card cover by pressing a thumbnail or flathead screwdriver in the gap between the metal and plastic cover located on the left side of the unit as shown. You should now see the edge of the silver SIM tray.
3. Remove the SIM tray with the included SIM Ejector Tool by inserting the tool into the hole on the SIM tray; the tray should pop partway out. Remove the SIM tray completely.
4. Insert your activated SIM into the tray. Note that the tray is notched so the card can only be inserted the correct way. Press the cover back into place.

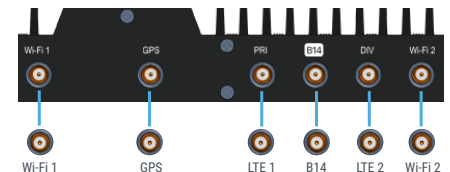


2

Connect Antennas to the Router

Connect the antenna leads labeled **Wi-Fi 1**, **GPS**, **LTE 1**, **B14**, **LTE 2**, and **Wi-Fi 2** to the corresponding connectors on the MegaFi. Please note, connecting antennas incorrectly may damage the antenna or the MegaFi. The antenna lead labeled **LTE 1** will connect to the **PRI** port, and the lead labeled **LTE 2** will connect to the **DIV** port. Other leads will connect to the ports as labeled.

Note: SMA connectors have a maximum torque of 3-5 inch lbs. Over-torquing may damage the connectors and void warranty. It is also recommended to add stress relief to the end of the antenna cables right before connecting them to the SMA connectors on the MegaFi device.



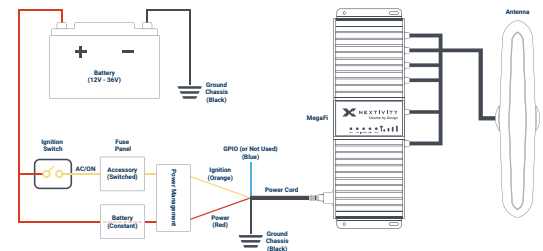
Corresponding Connectors

3

Connect Power to the Router

1. Connect the DC power cable to the port labeled **PWR** on the side of the device.
2. Connect the DC power cable to your DC power source.

Note: Red = + Positive
Black = - Negative
Orange = Ignition Sense
Blue = GPIO or Sleep Sense



4

Complete the Router Configuration

1. After connecting the antennas and power, the LEDs will flash and the LED labeled PWR should remain green while the unit boots up. This process will take a few minutes. A successful connection is indicated by a green INTERNET LED. If the router does not automatically connect to the network, refer to the MegaFi documentation at <https://nextivityinc.com/products/megaFi> or scan the QR code.
2. To access the Internet, connect your computer to a LAN connection (LAN ports labeled 1 – 4) via Ethernet cable, or using Wi-Fi with the SSID and password shown on the MegaFi label.



3. To configure your router settings through Mission Control, open your computer browser window, enter <https://192.168.113.1>, and accept any browser certificate warnings.
4. When the End User License Agreement appears, complete the information at the bottom of the form and click **Apply**.
5. You will then be directed to update your password. Please update the password and click **Apply & Save**.

Note: A factory reset restores the original default password. The password is only available from the printed label and label QR code.

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Cloud Connectivity

1. To connect to the cloud management environment, MegaPortal, open your computer browser window and enter <https://mega.nextivityinc.com>
2. If your organization already has an account, contact your organization's administrator to create a user account. If your organization does not yet have an account, contact support@nextivityinc.com to create an administrative account for your organization. If you already have an account, enter the email and the password for your account and click **Sign in**.
3. On the right hand side of the screen, click **+ New Device** to open a prompt. Enter the Serial Number and the MAC address from the label on the bottom of MegaFi unit. Accept the default pool and click **Save**. You have now associated your device with your account and can now manage your MegaFi from the cloud.
4. Update the device configuration from the cloud as needed for full deployment.



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