Starlink™ Standard
Activation and Configuration

Activating Your Starlink

The Starlink system needs to be activated under an airtime rate plan by KVH. Fill out the activation form *(available from your KVH dealer or sales rep)* and email it to airtimeservices@kvh.com.

To complete the activation form, you will need one of the following Starlink identifiers:

- Starlink system (Kit) serial number (preferred method)

- Antenna (Dish) serial number

- Terminal ID (do not include the "ut" at the beginning)

- KVH serial number

The system serial number, starting with "KIT," is printed on the outside of the Starlink box (see Figure 1). The antenna serial number can be found on the bottom of the antenna near the cable connector (see Figure 2). The terminal ID can be found on the Advanced page of the Starlink mobile app (see Figure 3). The KVH serial number is printed on a label on the outside of the box (see Figure 4) as well as on the enclosed activation sheet.

Figure 1: System (Kit) Serial Number Location
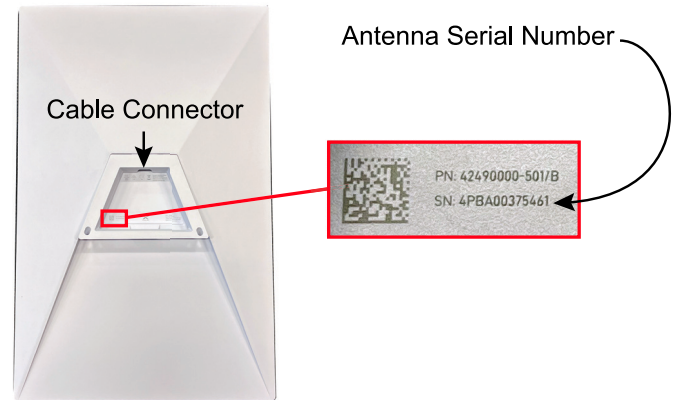

Figure 2: Antenna (Dish) Serial Number Location

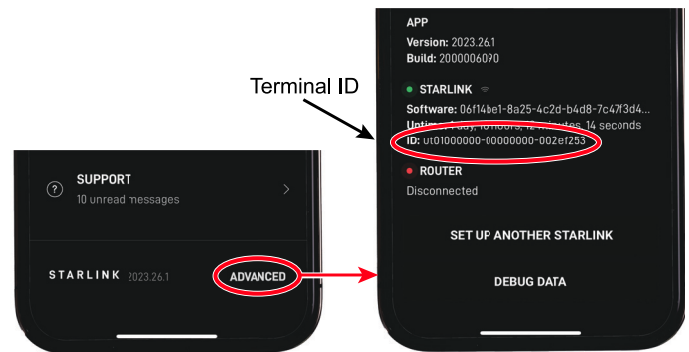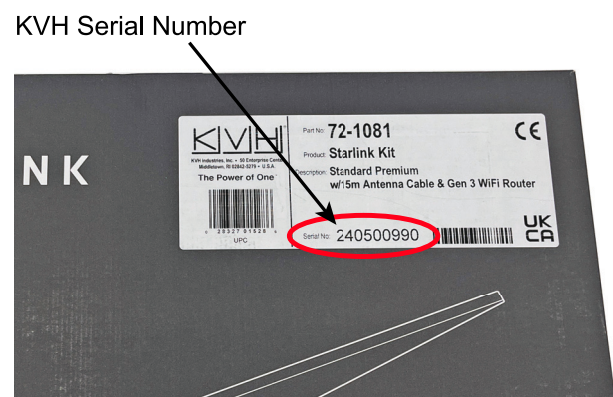Figure 3: Terminal ID Location

Figure 4: KVH Serial Number Location

Technical Support

Within Continental U.S.A.: 1 866 701-7103 | Worldwide: +1 401 851-3806 | Email: mvbsupport@kvh.com

Changing the Wi-Fi Network Name and Password

Unless you are pairing your Starlink system with a KVH antenna system (see "Pairing Starlink with a KVH Antenna System (If Applicable)" on page 4), KVH strongly recommends that you assign a password to your Starlink's Wi-Fi network to prevent unauthorized access. You may also change the name (SSID) of the network. Follow the steps below.

1. Connect your mobile device to the **STARLINK** Wi-Fi network (no password).

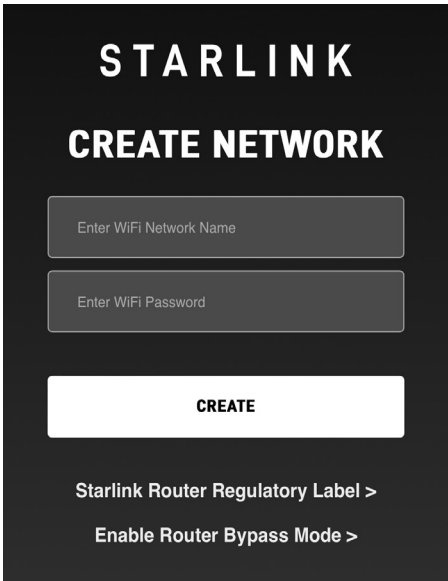Figure 5: Default Starlink Wi-Fi Network Connection
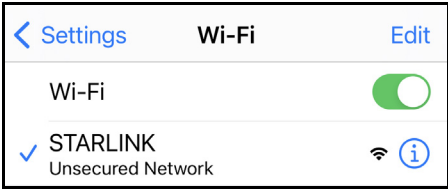
If you do not see this network, perform a factory reset of the Starlink router. Remove the rubber cover protecting the Ethernet ports on the rear panel. Then, using a paper clip (or equivalent), press and hold the Reset button located between the two Ethernet ports for 2-3 seconds. *The light on the front of the router will blink fast for a few seconds then blink slowly for a couple minutes while the router initializes.*

Figure 6: Starlink Gen 3 Router Factory Reset Button
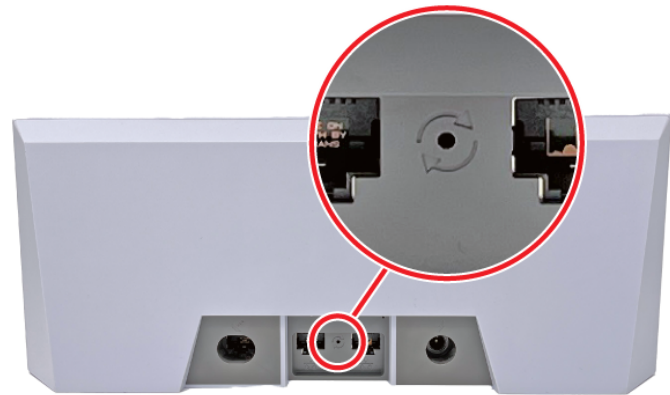
2. Open a web browser and go to **192.168.1.1**. You should see "Starlink Create Network."

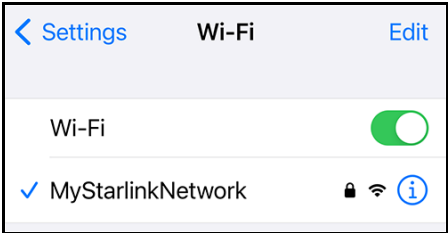Figure 7: Starlink Create Network Page

3. Enter a new name and password for the Starlink Wi-Fi network. Then select **CREATE**. A confirmation screen will appear.

Figure 8: Confirmation Screen

4. Reconnect to the Starlink Wi-Fi network using your new network name and password.

Figure 9: Connection to Renamed Starlink Wi-Fi Network

Viewing and Managing Your Starlink Data Usage

KVH Manager

The KVH Manager secure web portal provides many helpful data management and reporting tools, such as:

- View antenna system connection status, location, and data usage

- Set up data usage and overage alerts via email and/or text message

- Opt-in or opt-out of Mobile Priority Overage

- Enable and configure optional KVH Basic Email Service

Figure 10: Starlink Usage Info in KVH Manager (Example)
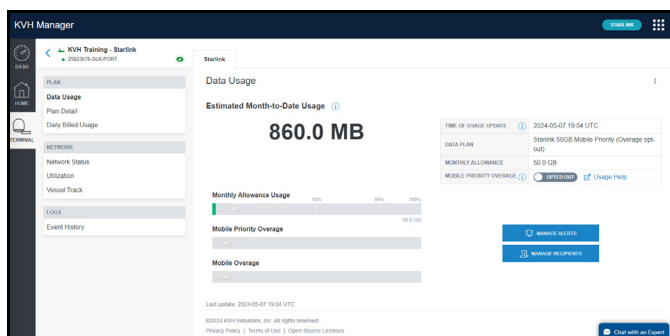
To access KVH Manager, follow these steps:

1. Open a web browser on any computer connected to the Internet and enter **https://www.mykvh.com**.

2. At the myKVH login page, enter your email address and myKVH password (provided by KVH Airtime Services).

3. Select **KVH Manager**.

Note: If you are the subscriber/authorized user for the account, contact KVH Airtime Services (airtimeservices@kvh.com) to receive your myKVH login or to add/remove users.

Note: To learn more about KVH Manager tools for Starlink, view the overview video at www.kvh.com/starlink.

Optional CommBox™ Edge

KVH's CommBox Edge Communications Gateway allows you to integrate and control all of your communication channels, including Starlink, 5G/LTE, VSAT, Wi-Fi, and more. It offers a powerful suite of network and bandwidth management tools, including:

- Prioritization and bonding of multiple WAN (wide area network) connections

- Fully configurable application controls, content filters, rate limits, and usage quotas

- Captive access network and user data allocations

- Secure remote access to onboard networked devices

- Cloud-managed user interface and mobile app with real-time metering and analysis

Visit kvh.com/edge or contact the KVH Sales Department at sales@kvh.com to learn more.

Figure 11: CommBox Edge 6

Figure 12: CommBox Edge User Interface
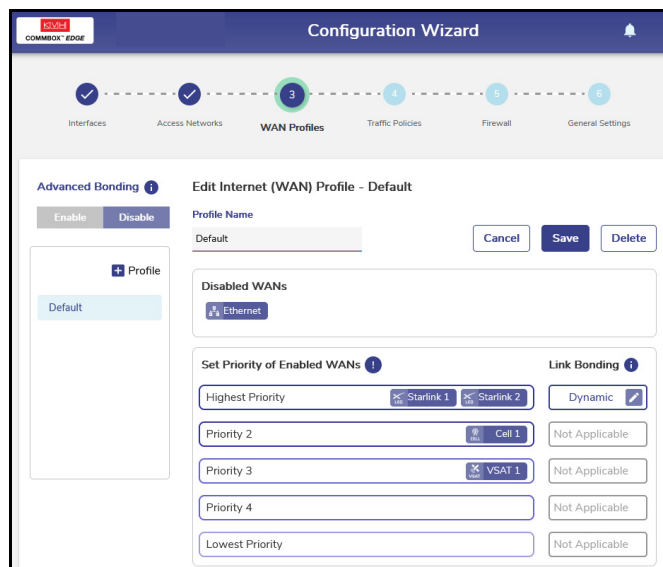
Pairing Starlink with a KVH Antenna System (If Applicable)

The following supplemental instructions explain how to connect your Standard Starlink antenna system to a KVH TracNet™ H-series or Coastal Pro or TracPhone® HTS-series antenna system (if installed on your vessel) and enable automatic switching between them, with Starlink as the primary and KVH as the backup.*

> **IMPORTANT!**
> Before you begin, install the Starlink antenna system as described in the instructions provided by Starlink.

* ***Note:*** *The TracPhone V30 model requires a third-party network management device, such as the KVH CommBox Edge, for automatic switching. Contact the KVH Sales Department at sales@kvh.com for details.*

Step 1:
## Enable Bypass Mode on the Starlink Wi-Fi Router

Since the KVH antenna system's Hub+/Hub/ICM will serve as the router, you need to turn off the network functionality of the Starlink Wi-Fi router by setting it to Bypass mode. Follow the steps below.

> **IMPORTANT!**
> Bypass mode disables the router's built-in Wi-Fi.

1. Perform a factory reset of the Starlink router. Remove the rubber cover protecting the Ethernet ports on the rear panel. Then, using a paper clip (or equivalent), press and hold the Reset button located between the two Ethernet ports for 2-3 seconds. *The light on the front of the router will blink fast for a few seconds then blink slowly for a couple minutes while the router initializes.*

Figure 13: Starlink Gen 3 Router Factory Reset Button
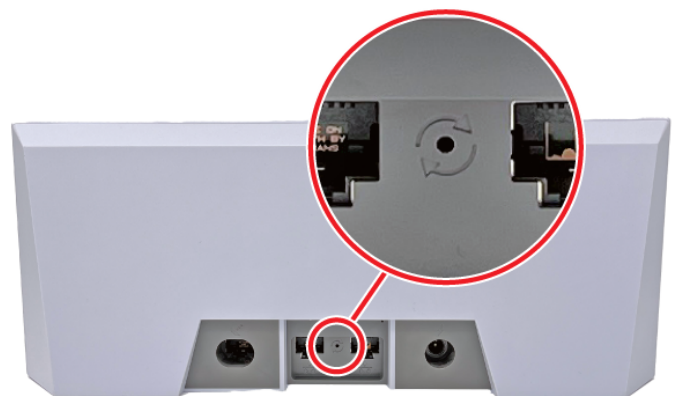
2. Wait a few minutes for the router to initialize.

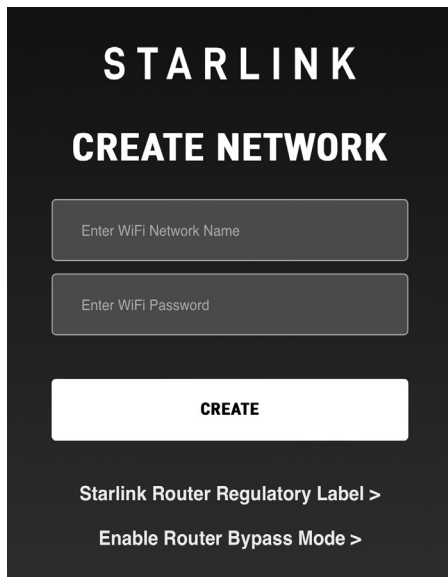3. Connect your mobile device to the **STARLINK** Wi-Fi network (no password).

Figure 14: Starlink Wi-Fi Network Connection (iPhone Example)
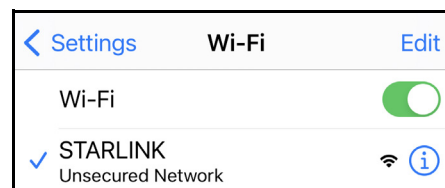
Note: *As an alternative to Wi-Fi, you can use a laptop connected directly to the Starlink router with an Ethernet cable.*

4. Open a web browser and go to **192.168.1.1**. You should see "Starlink Create Network."
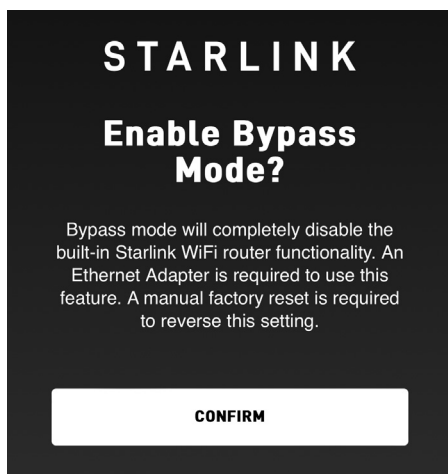
Figure 15: Starlink Create Network Page

5. Select **Enable Router Bypass Mode**.

6. Select **Confirm**.
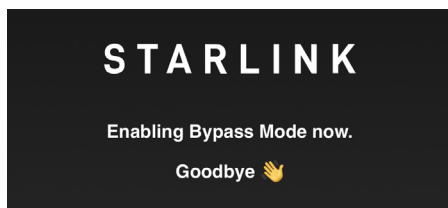
Figure 16: Confirmation Page

7. When you see the "Goodbye" message, you can close your browser.

Figure 17: Goodbye Message

Step 2:
Connect the Starlink to the KVH Antenna System

1. Unplug the Starlink router's power supply to disconnect power from the Starlink system.

2. Using a Cat5E or better Ethernet cable, connect the Gen 3 router (using either Ethernet port) to the designated Ethernet port on the TracNet system's Hub+ or Hub or the TracPhone system's ICM. Use Ethernet port 4 unless KVH has specified a different port number for your particular configuration.

3. Reconnect the Starlink router's power cable.

Figure 18: Standard Starlink Connection Diagram
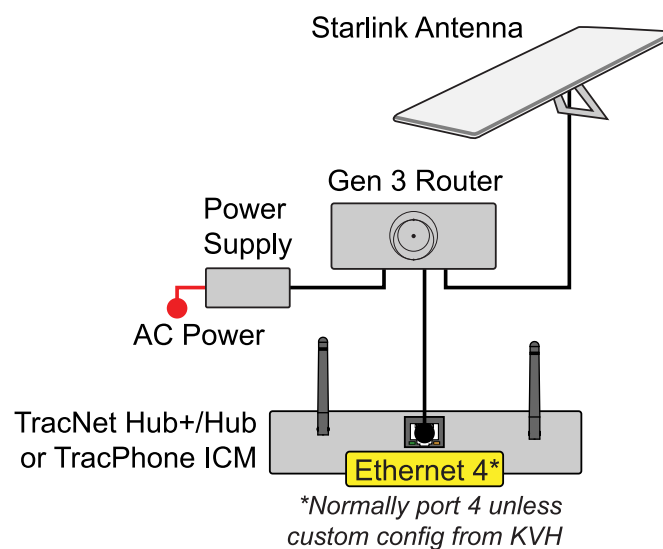
Step 3:
Update the KVH Antenna System Software (If Necessary)

The following software version or later must be installed on the KVH antenna system to support Starlink integration:

- TracNet H-series or Coastal Pro: **3.1.0** or later

- TracPhone HTS-series: **400.0** or later

You can find the currently installed version on the Support page of the system's web interface. If an update is needed, use the KVH app or the web interface to upload the latest file. Refer to the system's Help for details (see www.kvh.com/support/product-help).

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Step 4:
Configure the KVH Antenna System for Auto Switching

Contact KVH Technical Support (mvbsupport@kvh.com) to configure the KVH antenna system software for Starlink integration and enable the system to automatically switch to Starlink whenever Starlink service is available. KVH will deliver your configuration file over the air via your TracNet or TracPhone system's Internet connection.

Note: *An active KVH data plan is required for automatic switching. To inquire or make any plan changes, contact KVH Airtime Services at airtimeservices@kvh.com.*

Step 5:
Change Port Configuration of the TracNet System

IMPORTANT!
This step only applies to TracNet H-series or Coastal Pro systems.

Log into the TracNet system's web interface or KVH Manager and select a new port configuration that supports Starlink. Refer to the instructions in the system's Help. The following new options apply:

Option	Description
Split + Backup + Starlink *H60/H90 only*	Port 1, Wi-Fi: High-speed LAN Port 2: Unlimited Use LAN Port 3: Backup WAN (if used) Port 4: Starlink WAN
High-speed or User LAN + Backup + Starlink	Ports 1-2, Wi-Fi: High-speed LAN Port 3: Backup WAN (if used) Port 4: Starlink WAN
Unlimited Use + Backup + Starlink *H60/H90 only*	Ports 1-2, Wi-Fi: Unlimited Use LAN Port 3: Backup WAN (if used) Port 4: Starlink WAN

In all three options, the Starlink system connected to port 4 on the Hub+/Hub will be considered the "Alternate WAN" – the preferred connection. In automatic mode, the TracNet system will use the Starlink connection whenever it is available for use.