



Blue Sky Network



Tactical Box: SkyLink

Quick Start Guide

Please read before deployment

## Safety Instructions

**WARNING:** Risk of electrical shock, fire, personal injury, or death.

1. Do not use the power supply without proper grounding. Use the terminal on the input block for earth connection. Ensure that protective earth is connected according to all local and national regulations.
2. Turn power off before working on the device; protect against inadvertent repowering.
3. Verify that the wiring is correct by following all local and national codes.
4. Do not modify or repair the unit.
5. Do not open the electronic units (e.g., power supply), as high voltages are present inside.
6. Use caution to prevent any foreign objects from entering into the housing.
7. Do not use in wet locations or in areas where moisture or condensation can be expected while cover is not mounted.
8. Do not touch during power on immediately after power off. Hot surface may cause burns.

## Technical Specifications

- Size (standard case): 19.8 x 15.3 x 7.5 in. (50.2 x 39.0 x 19.0 cm)
- Weight (standard case): 23.8 lb. (10.8 kg)
- External power supply/charger: Input voltage: 90 – 264VDC; Output voltage: 16.8VDC
- Vehicle input voltage: 12VDC (includes battery protection)
- 2x 98 W h detachable batteries with travel case
- Operational temperature excluding batteries: -40°C to +70°C
- Operational temperature including batteries: -20°C to +55°C
- IP67 protection class (closed lid)

## Step 1: Connect to Power

The Tactical Box: SkyLink can be used with 2 power sources:

### Main Source

The 98Wh onboard batteries are the case's main power source. Charge them while the system is running to extend the recharge time.

### Vehicle

The system is connected to a 12VDC vehicle outlet via the 12VDC IN connector. When using the case with a vehicle, it is recommended to remove the batteries to reserve their power levels, as the batteries are the primary power source.

**NOTE:** The batteries will not charge with the vehicle cable connected.

### Charging the batteries

Connect the external power supply to the CHARGE connector on the case. Press the small button next to the LEDs on the battery to view charge level.

**NOTE:** Do not use the system with ONLY the external power supply.

## Step 2: Commission the Case

1. Connect the power supply:
  - a) Insert batteries, or
  - b) Insert batteries and connect AC/DC power cable, or
  - c) Connect 12VDC cable to a vehicle
2. Press the power button.
3. After approximately 2 minutes, the system will register to either the Iridium satellite system or a cellular network. Obstacle clearance is important; please see the last page.

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# Step 3: Connect to SkyLink Data Gateway

### Device Wi-Fi

Use the Wi-Fi SSID and password found on the label inside the SkyLink device box. If using an Ethernet cable with your SkyLink device, plug the cable into one of the LAN ports and your device will automatically be configured via DHCP.

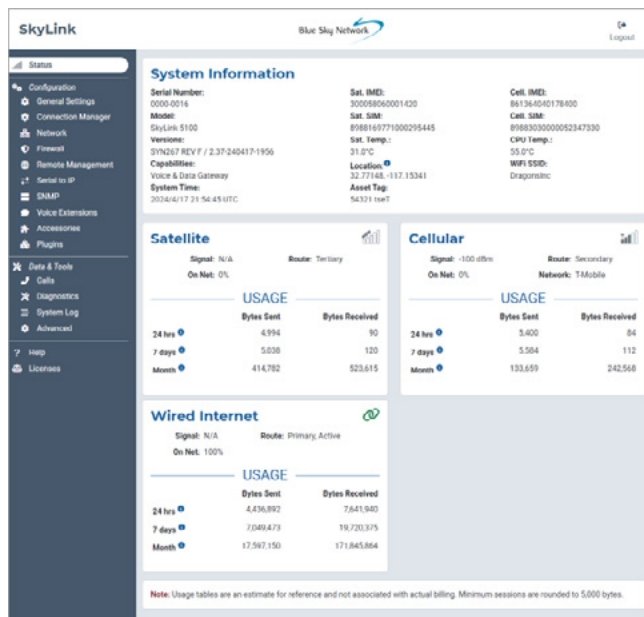
### SkyLink Device Interface & Cloud Services Portal

The SkyLink ecosystem uses 2 platforms for seamless device management and configuration.

#### 1. Device Web User Interface

Use when you would like to view or make changes to a single device. Log in by connecting to device Wi-Fi and typing in the SkyLink IP address: 192.168.111.1

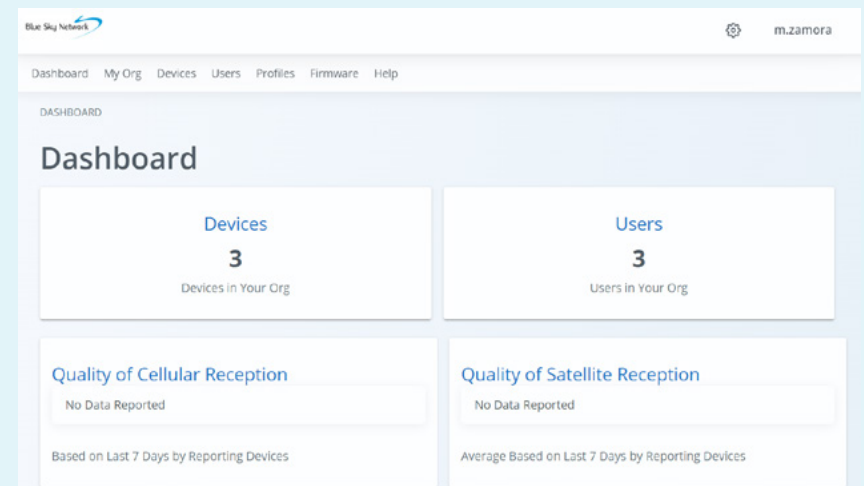
The default login and password is 'admin'. Upon logging in, you will automatically be directed to the Status screen.



#### 2. Cloud Services Portal

Use to manage and configure a fleet of devices. Log in by opening a web browser and typing in the SkyLink Cloud Services URL: <https://portal.skylink.net/login>.

Login information will be sent to you via email. Upon logging in, you will be automatically directed to the Dashboard screen.



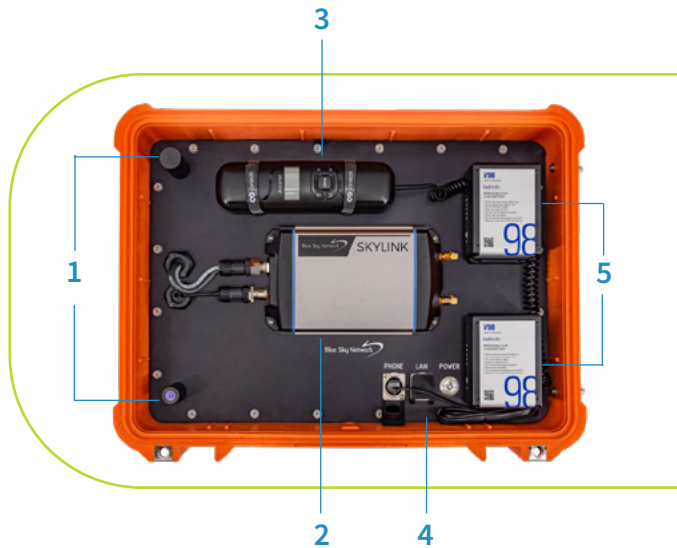
For more information on these platforms, please refer to the SkyLink User Guide for the Device Interface and the SkyLink Cloud Services Guide for the Cloud Services Portal.

## TACTICAL BOX: SKYLINK QUICK START GUIDE

### Device Interfaces

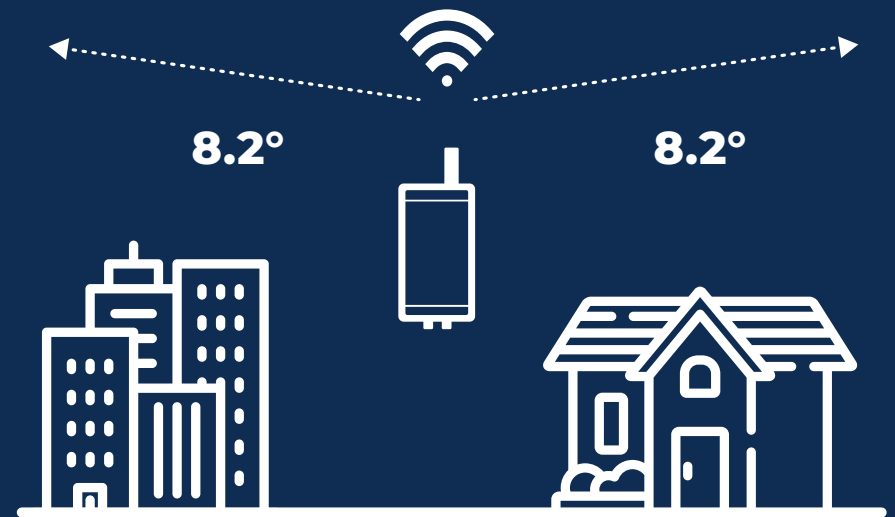
#### Interfaces

- 1 Antennas
- 2 Dual-Mode Data Gateway
- 3 Handset
- 4 On/Off; Phone; LAN
- 5 Detachable batteries
- 6 External connectors:
  - CHARGE
  - PHONE
  - 12VDC IN
  - LAN



### IMPORTANT!

Ensure SkyLink's satellite antenna points skyward and that it is installed with a maximum of 8.2° obstruction from ground-based obstacles, **especially** on the North/South axis.





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## About Blue Sky Network

Blue Sky Network is a leading provider of global solutions engineered for the future of land, sea, and air communications. Our comprehensive portfolio of satellite-based tracking systems, intelligent software solutions, and dual-mode two-way devices deliver seamless communications and connectivity, even in the most remote environments.

**BLUE SKY NETWORK IS A PREFERRED IRIDIUM CERTUS® SERVICE PROVIDER AND VALUE-ADDED MANUFACTURING PARTNER.**