

insee**go**

SA 2100TM

Quick Start Guide



Preface

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Intended Audience

This document is intended for users responsible for the initial setup of the SA 2100 and assumes the user has a basic working knowledge of computer networking, wireless routing, and network administration.

Scope

This manual provides quick installation and configuration information. For detailed information about the settings available for your SA 2100, please refer to the User Guide at www.inseego.com/documents.

Intended Use

Use this product only for the purpose it was designed for; refer to the datasheet and user documentation. For the latest datasheet, visit us online at www.inseego.com.

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Contents

- Intended Audience1
- Scope.....1
- Overview3
 - LEDs4
- Installation.....4
 - Package Contents4
 - Setup5
 - Connecting5
 - Connecting Via Ethernet5
 - Connecting Via Wi-Fi5
 - Accessing the Web Interface5
 - Administrator Password5
 - Settings5
- Contacting Inseego.....6
 - Online Library6
- FCC Compliance7

Overview

The Novatel Wireless SA 2100 cellular router enables you to set up a network and provides both wired and wireless connectivity. Its features include:

- 3G/4G/LTE cellular service
- Connect up to 10 Wi-Fi devices
- Ethernet & Ethernet over USB connectivity
- N4A Device Manager (Optional)
- N4A CMS (Optional)
- External Modem Antenna Ports
- GPS
- Accelerometer (Telematics model only)
- GPIO Interface
- IPv6 support
- Business continuity with backup battery
- Flexible power options
- Advanced security features
- 1-wire interface (Telematics model only)



Figure 1: SA 2100 Front Panel

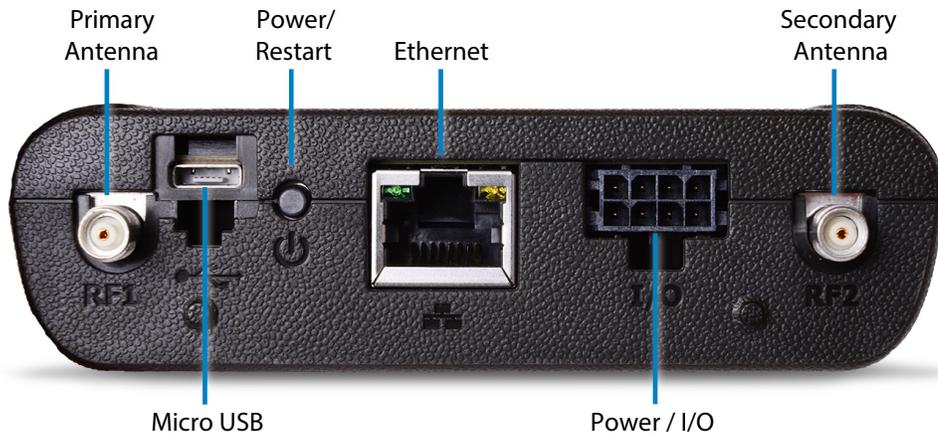


Figure 2: SA 2100 Back Panel

LEDs

The following table describes the behavior of the SA 2100 LEDs.

LED	Color	Description
Power	Green	Normal operation
Wi-Fi	Green	Wi-Fi enabled / traffic
WAN	Green	LTE
	Blue	4G/3G
	Orange	2G
Signal Strength	Red	1-5 bar signal strength scheme

Installation

The following sections describe the installation and initialization of the SA 2100.

Package Contents

Package contents depend on the accessories ordered. Compare the contents with the packing list. If any items are missing or damaged, contact FW support.

- Novatel Wireless SA 2100 Cellular Router
- USB Cable
- Power Cable
- Backup Battery
- Power Supply
- Mounting Bracket
- Mounting Harness
- External Antenna(s)

Setup

1. If the SIM is not installed, insert it into the SIM holder located in the battery compartment.
2. Connect external antennas, if used.
3. If using a power supply, plug it into an electrical outlet. If using the power cable, make sure it is connected to a supported power source.
4. If the SIM is not yet activated, contact your wireless provider to activate the SIM and/or data plan.
5. Connect the power supply or power cable to the SA 2100.
6. Ensure the power is switched on.

Connecting

You can connect to the SA 2100 either via Ethernet cable or Wi-Fi connection.

Connecting Via Ethernet

To connect via Ethernet , perform the following steps:

1. Ensure the SA 2100 is powered on.
2. Connect the router to an Ethernet port on the computer using an Ethernet cable.

Connecting Via Wi-Fi

To connect via Wi-Fi, perform the following steps:

1. Ensure the SA 2100 is powered on.
2. Connect to the router using the SSID and Wi-Fi information provided on the label located on the bottom of the device.

Accessing the Web Interface

You can customize the device settings using the SA 2100 Web Interface. To access the Web Interface, open an Internet browser on a connected device and navigate to one of the following addresses:

- **<http://my.sa2100/>**
- **192.168.1.1**

The browser will display the SA 2100 Home Page.

Administrator Password

You must enter the Administrator password to proceed beyond the Home Page. The default Administrator password is:

admin

Note: For security purposes, we recommend that you change your password after logging in with the default one.

Settings

To customize the SA 2100 settings, select Settings from the menu. From the settings menu, you may adjust the hotspot, device, mobile, and advanced settings for your SA 2100, including such items as the SSID, connection password, and the maximum number of devices that may connect to your SA 2100.

For detailed information about the settings available for your SA 2100, please refer to the User Guide which can be found on the web at www.inseego.com/documents.

Contacting Inseego

For help with installing, operating, maintaining, and troubleshooting this product, refer to this document and any other documentation provided. See the SA 2100 User Manual for troubleshooting tips.

If you still have questions, contact us during business hours:

Monday through Friday, excluding holidays, between 8 a.m. and 5 p.m. Pacific Time.

Telephone: 800.683.4818

When contacting technical support, please have the following information on-hand:

- Serial number on product label
- Date that you received your device
- A brief description of the problem

Online Library

For other documentation, see our online document library at: www.inseego.com/documents

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communication. FW does not guarantee that interference will not occur in a particular installation.

Operation is subject to the following conditions:

- a. This device may not cause harmful interference.
- b. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- a. Reorient or relocate the receiving antenna.
- b. Increase the distance between the equipment and the receiver.
- c. Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- d. Consult the dealer or an experienced radio/TV technician for help.

Exposure to RF radiation – To comply with FCC RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. Do not collocate or operate this device in conjunction with any other antenna or transmitter.