


Soracom SGPSL01-01-1 Global IoT ecoSIM Card User Guide

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Soracom SGPSL01-01-1 Global IoT ecoSIM Card



Getting Started

Quick Start

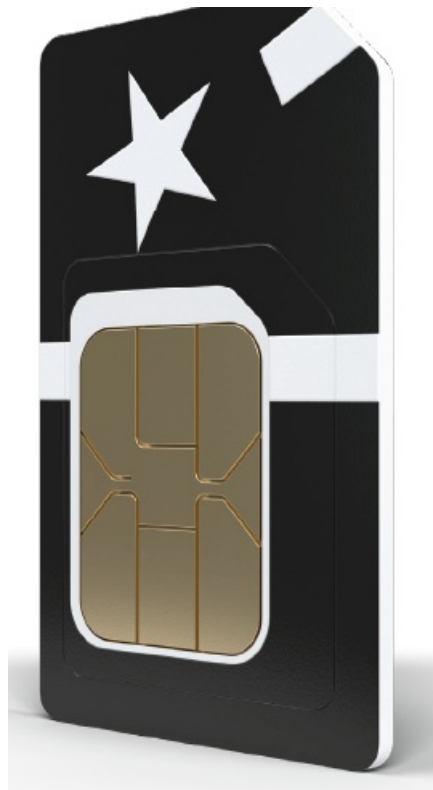
Soracom makes it easy to start building IoT solutions. If this is your first project, simply follow these steps to get up and running!



Before proceeding, you will need to prepare a device, such as a USB 3G/LTE modem or a 3G/LTE development board. If you want to get started using a smartphone or tablet, your device must be carrier-unlocked.

1. Purchase a Soracom Air SIM Card

In order for your device to connect to Soracom, you will need to use a Soracom SIM card. You can purchase a Soracom Air Global Multi-Carrier SIM Card from Digi-Key. Please note: Before making a purchase, please ensure that the SIM form-factor (standard/mini, micro, or nano) is supported by your device.



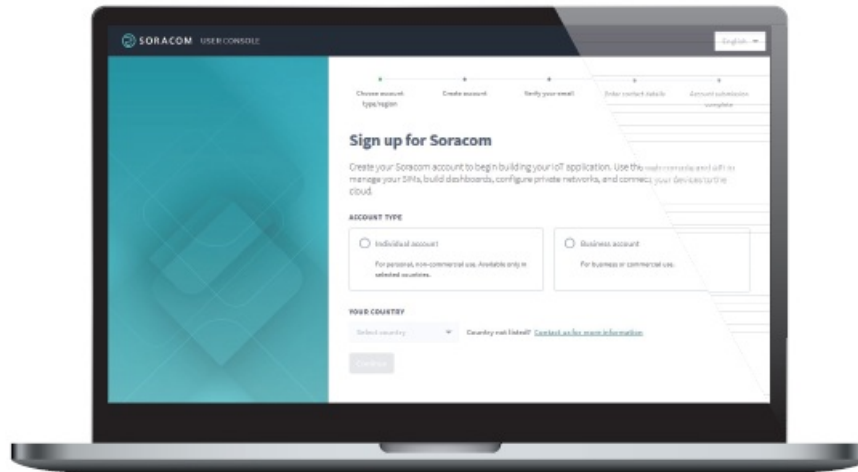
2. Create a Soracom Account

Soracom SIM devices (and other devices) are managed from the Soracom User Console.

- **Sign Up**

Head over to the User Console page and click the Sign up button to create an account.

<https://console.soracom.io>.

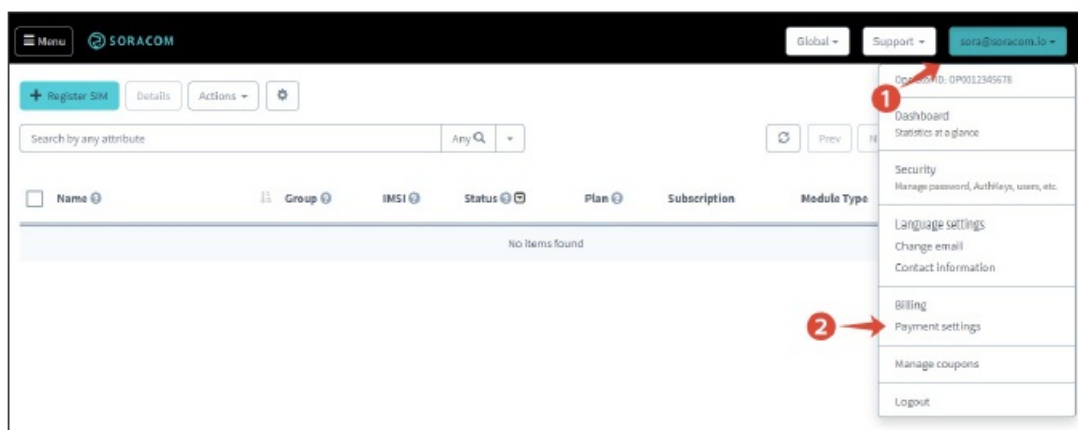


Select the type of account you would like to create and the country where you are located, then follow the instructions to register a new account, confirm your email address, and enter your contact information. Once complete, you will be able to login to the User Console.

- **Register a Payment Method**

Once you have created your Soracom account, you will also need to register a payment method, which will be used for monthly usage fees as well as any items purchased from the User Console.

- Login to the User Console.
- Click your account menu, then select Payment Settings.
- <https://console.soracom.io>



- Follow the instructions on the screen to register your payment method.

3. Register Your SIM Card

Registering your Soracom Air SIM card to your Soracom account both activates its service and enables you to access Soracom features. must individually register each card to your Soracom account by providing its ICCID and PUK, or IMSI and Passcode (depending on SIM type). For more information on how to register a SIM card, please refer to the Soracom Registration page.

- **Insert the Soracom Air SIM Card**

Once you have finished registering your SIM card to your account, insert it into your device. Please refer to your device's manual for instructions on how to remove any existing SIM card and how to insert a new SIM card. When inserting the Soracom Air SIM card, take care not to use a different SIM form-factor size or insert the card in an incorrect orientation, as incorrect insertion may damage the SIM card and result in connectivity trouble.

4. Setup the Soracom APN

Power on your device, then follow your device’s manual to create and enable a new APN (Access Point Name).

When prompted, enter the following information:

- Name – any name you choose
- APN – soracom.io
- Username – sora
- Password – sora
- PDP Type – IP
- Authentication Type – CHAP or PAP

4G/LTE and newer devices are often able to automatically retrieve the soracom.io APN setting directly from the network. However, for 2G and 3G connections, the APN must be configured on the device in advance. In general, you should configure the APN setting whenever possible. When a device uses a Soracom SIM to connect to a cellular network, Soracom will authenticate the device using credentials that are stored inside the SIM. In turn, the Username and Password settings can be treated as optional and omitted. However, these settings are provided in order to support devices that do not allow these settings to be omitted. Save your APN configuration, then enable it on your device. For more detailed instructions on connecting with other devices, such as a Raspberry Pi, Arduino, or iOS/Android devices, refer to the Developer Guides section.

Congratulations!

Your device is now connected with Soracom, and you can begin using it to develop your IoT solution. To perform a basic network connectivity test, you can check that your device is able to access the internet, such as pinging a public server, using wget or curl, or just opening a webpage in a browser. As soon as your SIM card connects to a network for the first time, its SIM status will automatically change to Active, and data usage fees will apply.


Troubleshooting

If your device is unable to connect, double check the following:

- Your SIM has been registered to your Soracom Account, and appears in the list of SIM cards
- Your SIM card is inserted in your device in the correct orientation
- Your device is carrier-unlocked (or SIM-free), and does not display any SIM errors
- There are no typos or missing fields in the APN configuration

If you continue to have trouble connecting your device, please contact our support team by logging into the User Console, then clicking the Support menu and selecting Contact Us. You will be taken to our support center, where you can submit a new ticket to request troubleshooting assistance.

Documents / Resources

	<p>Soracom SGPSL01-01-1 Global IoT ecoSIM Card [pdf] User Guide SGPSL01-01-1, Global IoT ecoSIM Card, SGPSL01-01-1 Global IoT ecoSIM Card, IoT ecoSIM Card, ecoSIM Card, Card</p>
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References

- [IoT Connectivity Platform, Built for the Cloud | Soracom](#)

-  console.soracom.io

Manuals+.