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# GLOBAL SIM CARD

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Global SIM Card User Guide



## Purpose of the Document

The purpose of this document is to explain the global SIM card to be used with USB dongles and cellular modules such as BG96, B95, EG91, and EG95.

## Document History

Version	Author	Date	Description
A	5G HUB	02.12.2021	Initial Document

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# 1 Introduction

Global SIM is a cellular connectivity platform for connecting your IoT devices around the world. One SIM gives you the freedom to choose from the best global networks. Global SIM provides trustworthy global cellular connectivity at scale, with guaranteed list of Tier 1 global networks, all available via one SIM

## 2 Features

### Control your network quality

The success of your IoT solution depends on high-quality connectivity. Choose from global Tier 1 networks to control your cellular network coverage, quality, and cost. With multiple redundant paths, your products will be connected to the best networks at any time.

### Scale infinitely with ease

Reliability and data latency are common challenges that impact scale. Super SIM is built on Twilio's cloud-native and globally distributed network infrastructure that gives you reliable, low-latency global connectivity.

### Automate your operations with APIs

Avoid inefficient manual operations. Use highly available APIs to program your connectivity operations, from changing SIM status and tracking data consumption, to sending machine-to-machine messages to devices.

## 3 How it Work

The SIM card can be in any of the following state:

SIM State	Description
New	This is the state of the SIM when you buy it. It is waiting to be activated. It can remain in this state indefinitely, but once it becomes Ready or Active, it can never return to New
Active	The SIM can connect to the network and consume network resources in accordance with its data rate plan
Deactivated	The SIM is blocked from connecting to the network. After 72 hours, the SIM will automatically transition to Canceled. Apply this status if a SIM has been lost or stolen
Canceled	The SIM is blocked from connecting to the network and can never be reactivated or used

### 3.1 Active SIMs

The common state of most SIMs is Active. In this state, the SIM can be used to connect to the network and transfer data. Every active SIM has a 2\$ monthly fee that is recurring every month as long as the SIM is Active. An active SIM is one that is able to connect to any available operator at any given time.

### 3.2 Data usage fee

Data usage fee is charged in 5\$ increment as long as the SIM remains active SIM. This fee is added to your balance and used to pay for the data consumed by the SIM. Usage fee is billed for each mega bytes (MB) of data consumed. Check this rate for all countries where you can use the SIM.

All data rates to countries world wide are published [HERE](#).

### 3.3 Data usage example

The data price for one MB of data consumption per country varies based on the country and mobile operator. Check all rates [HERE](#). When the first mega byte (MB) of data is consumed on a particular operator network, your SIM account will be billed 10¢ (for 1MB) assuming the data rate to that mobile operator is 10¢ per one MB This 10¢ is deducted from the data usage balance. If your data usage fee becomes very low (at 1\$ or below), your credit card is billed 5\$ to avoid service distribution.

### 3.4 Summary of Different Fees:

Fee	Price	Description	Explanation
SIM monthly fee	\$2.00	Recurring monthly fee	Active SIM, incurs this fee every month from the data of activation
Data usage fee	\$5.00	Data Usage Balance	This is the initial balance used for the data rate. For active SIM, and if there is a data usage, it is deducted from this balance. This balance is recharged from your credit card automatically if your balance drops below 1\$ so that to continue your data usage without interruption

### 3.5 Activating Your Global SIM Card

Go to IoT Connector to start activating your SIM, monitor its usage, and start using it with our IoT modules and devices

[IoT Connector BETA](#)