



Soracom LTE-M Button

IoT Connectivity and Platform Services

Soracom provides IoT connectivity and platform services to over 20,000 businesses with solutions for every challenge in IoT. We're focused on making it easy to connect M2M devices at scale, with a powerful IoT SIM that provides global multicarrier connectivity. Soracom provides direct integrations with the world's leading cloud platforms, making it easy to transmit data from your device to AWS, Google Cloud Platform, or Microsoft Azure.

Our team of IoT experts is on hand to learn more about your challenges, and to discuss how Soracom can help at every stage of your product development lifecycle.



No
Lock In's



Flexible
Plans



Cloud
Agnostic



Total
Visibility

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The **Soracom LTE-M Button** is an easily-configured, battery-powered IoT button with cloud-native connectivity, designed for a variety of IoT applications – including Facility Management, Elderly Monitoring, Asset Monitoring, and Industrial Maintenance.

Button Overview

- **Global LTE-M modem with built-in antenna:** Built-in IoT connectivity makes getting started with the LTE-M Button easy, with everything ready out of the box.
- **Large button with positive click action:** Your customers can wear heavy gloves in an industrial setting and still operate the Button with ease.
- **Sturdy construction with IP54 rating:** Install the Button in different environments without needing to worry about dust or moisture.
- **AA battery compatibility:** Get a higher battery capacity (compared to other buttons that use smaller batteries), which are quick to change and easy to recharge.

Soracom LTE-M Button

Features

- Supports approximately 2,000 clicks (actual battery life depends on other factors) with replaceable AA batteries
- IP54 for dust and water protection
- MFF2 Embedded SIM (eSIM)
- The device sends data through the LTE-M network
- Soracom User Console handles the data for parsing, enrichment, and connection to different endpoints
- 3 Click Types to configure the trigger messages from the device (single, double, long)
- Optional Accessories with 3.5mm Audio Jack:
 - » Reed Switch Accessory to detect opening/closing of doors
 - » Temperature Probe Accessory to measure the ambient temperature of a space
 - » 2 Wire Accessory to connect with other sensors (e.g. pressure sensor)

Supported Click Types

Single	1 Click
Double	2 Clicks within 2 seconds
Long	Press for longer than 2 seconds

What can you do with the Soracom LTE-M Button?

The **Soracom LTE-M Button** is a battery-powered IoT button that can be configured to send messages and trigger actions for various applications. The device is IP54 rated for dust and water protection and can last at least 2,000 clicks with replaceable AA batteries. The unit has a built-in eSIM that supports LTE-M networks.

The LTE-M Button is triggered by clicking the button (single click, double click, or long-press). The device sends data (click type, battery level, etc.) to Soracom's Unified Endpoint (part of the Soracom User Console) via LTE-M networks.

Soracom's Unified Endpoint can then forward the button data to any server or public cloud (e.g. Amazon Web Services, Microsoft Azure, and IBM Cloud) using Soracom Beam, Soracom Funnel, and Soracom Funk. You can also save data using Soracom Harvest and visualize the data in Soracom Lagoon.

Additionally, plug-and-play accessories such as a reed switch or temperature probe may also be purchased. These can be plugged into the Button via 3.5mm audio jack connectors and be used to detect the opening/closing of doors or measure the ambient temperature of a space.

The Button is seamlessly integrated with Soracom's User Console, which is a secure and reliable IoT Cloud Platform. The Soracom LTE-M Button and its optional accessories can be quickly and easily configured and installed to provide the trigger messages or temperature data for your use cases.

Offering Includes:

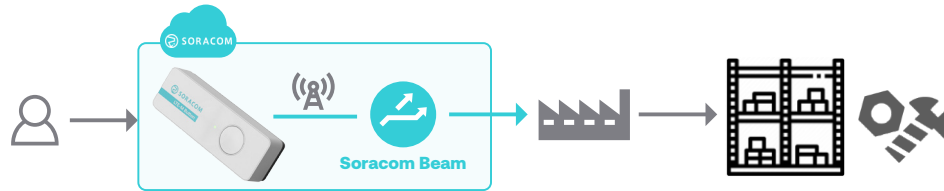
- One Soracom LTE-M Button, one 2-wire converter and double-sided velcro tape
- Access to the Soracom User Console
- Support with customer-specific integration requirements (case-by-case)

Send Data Via UDP to Soracom Server

Call a Taxi:



Supply Chain:



Request maintenance:





Soracom LTE-M Button – Emergency Version

The Soracom LTE-M Button - Emergency Version provides all of the same features of the Soracom LTE-M Button but with a more prominent, easier-to-spot custom front panel design that makes it suitable in use cases that require sending critical alerts, such as reporting issues, calling for help, or initiating other safety or security processes. Its compact form factor allows it to be mounted in multiple ways, such as on a wall, under a desk, or next to a register or other critical equipment. With wireless connectivity built-in, there is no need to set up a local network or install other devices, and its battery operation means it can even be handheld or carried in a pocket by personnel. The Emergency Version comes with the Soracom LTE-M Button's alerting features pre-configured, making it easy to deploy quickly.



What is the difference between the Soracom LTE-M Button and the Emergency Version of it?

Product Name	Soracom LTE-M Button	Soracom LTE-M Button - Emergency Version
SKU (EAN)	4573326592222	4573326592833
Front plate design		
Default Mode	Click	Alert+Heartbeat
Supported Modes	<ul style="list-style-type: none"> • Click (default mode out of the box): Send a message each time the button is clicked (single, double, long). The message can be canceled if accidentally clicked. • Timer: Count the number of clicks within an interval, then send a message containing the number of clicks at the end of each interval. • Click + Timer • Click + Heartbeat: Send a message each time the button is clicked (single, double, long). The message can be canceled if accidentally clicked. Also automatically sends a message at regular intervals without any user input to confirm the button is operational and still able to connect. • Alert*: Send a message each time the button is clicked. Message cannot be canceled. • Alert + Heartbeat*: Send a message each time the button is clicked. The message cannot be canceled. It also automatically sends a message at regular intervals without any user input to confirm the button is operational and still able to connect. 	<ul style="list-style-type: none"> • Click: Send a message each time the button is clicked (single, double, long). The message can be canceled if accidentally clicked. • Timer: Count the number of clicks within an interval, then send a message containing the number of clicks at the end of each interval. • Click + Timer • Click + Heartbeat: Send a message each time the button is clicked (single, double, long). Message can be canceled if accidentally clicked. Also automatically sends a message at regular intervals without any user input to confirm the button is operational and still able to connect. • Alert: Send a message each time the button is clicked. Message cannot be canceled. • Alert + Heartbeat (default mode out of the box): Send a message each time the button is clicked. The message cannot be canceled. It also automatically sends a message at regular intervals without any user input to confirm the button is operational and still able to connect.
Recommended Use Cases	<ul style="list-style-type: none"> • Asset Performance Management • Maintenance & Repair • Connected Healthcare • Elderly monitoring & assistance • Smart supply chain management • Smart offices • Intelligent building monitoring • Facility management • Reordering products • Parcel pick-up automation • Hail taxi services • Alert emergency services • Callback requests • Customer satisfaction monitoring 	<ul style="list-style-type: none"> • Alert emergency services • Elderly monitoring & assistance • Social services • Hotel & Hospitality • Retail & Restaurant • Transit & Transportation • Healthcare • Construction & Mining • Oil & Gas • Utilities • Public Safety

* Only available from firmware version 3134.

Technical Specifications

HARDWARE	Dimensions	117 x 40 x 265 mm
	Weight	78 grams (without batteries)
	Supported Button Actions	3 click types: Single, Double, Long
	Casing Color	White Top Casing & Black Bottom Casing
	Indicator LED	3 colors (green, orange, red)
CONNECTIVITY	Dust and water protection	IP54 (Protected from dust ingress. Protected from water spray from any direction)
	Network Technology	LTE-M (Cat-M1)
	Supported LTE-M Bands	Band 2, 3, 4, 5, 8, 12, 13, 17, 20
	Provisioning	Ships network ready with Soracom's embedded (MFF2) SIM
BATTERY	SIM Support	Soracom embedded (MFF2) SIM
	Battery Type	2x AA batteries (replacable)
	Battery Voltage	1.5 V Alkaline
MECHANICAL	Battery Life/Number of Clicks	Approximately 2,000 clicks (actual battery life depends on other factors)
	Antenna	Built-In Antenna
	Operating Temperature	-10° C to 60° C
	Optional Accessories	Examples (not included in the original packagin): <ul style="list-style-type: none"> • Temperature sensor • Reed sensor Connectable via a 3.5mm Audio Jack Connector
Certifications	FCC, PTCRB, CE, UKCA, GCF	

