![SORACOM]

Soracom LTE-M Button

Part Number: 4573326592222

IoT Connectivity and Platform Services

Soracom provides IoT connectivity and platform services to over 20,000 businesses and over 5M connections, 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

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) built-in with Soracom Air plan01s Low Data Volume (LDV) subscription
- 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
- 1-Year Connectivity Services*
- Access to the Soracom User Console
- Support with customer-specific integration requirements (case-by-case)
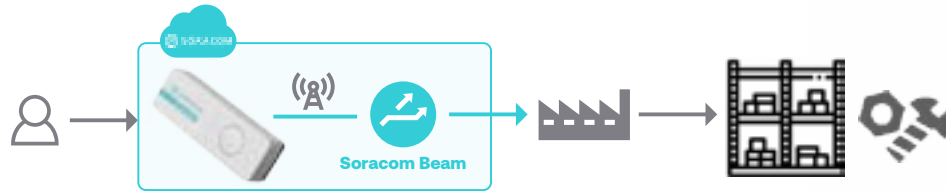
* In the value of $15. The validity period depends on what services are activated within the Soracom User Console.
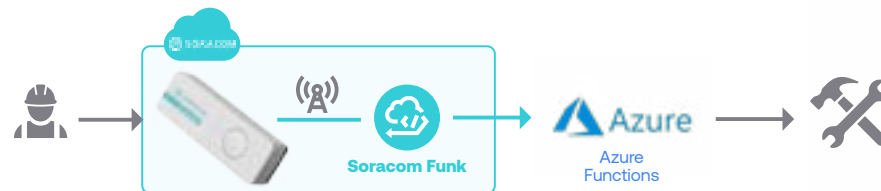
Send Data Via UDP to Soracom Server

Call a Taxi:

Supply Chain:

Request maintenance:

Technical Specifications

HARDWARE	Dimensions	117 x 40 x 26.5 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)
	Dust and water protection	IP54 (Protected from dust ingress. Protected from water spray from any direction)
CONNECTIVITY	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 (Soracom Air plan01s-LDV)
	SIM Support	Soracom embedded (MFF2) SIM (Soracom Air plan01s-LDV)
BATTERY	Battery Type	2x AA batteries (replacable)
	Battery Voltage	1.5 V Alkaline
	Battery Life/Number of Clicks	Approximately 2,000 clicks (actual battery life depends on other factors)
MECHANICAL	Antenna	Built-In Antenna
	Operating Temperature	-10° C to 60° C
	Optional Accessories	Examples (not included in the original packagin): • Temperature sensor • Reed sensor • 2-wires Connectable via a 3.5mm Audio Jack Connector
	Certifications	FCC, PTCRB, CE, UKCA, GCF, TELEC

LTE-M Enabled

Detects 3 types of clicks

3.5mm jack input/output

Battery powered (2x AA)