



## Seeed IoT Button for AWS - Cloud Programmable Dash Button

SKU 102991334

The Seeed IoT Button For AWS is a Wi-Fi-based, programmable button that deploys the **AWS IoT 1-Click service**. The simple Wi-Fi device is easy to configure and designed for developers to get started with AWS IoT Core.



### Features

- **AWS IoT 1-Click service**
- **Single/Double/Long Press Click Events**
- Onboard Power/Event/Wi-Fi Configuration Status LED
- Equipped with Realtek RTL8720DN, dual-band 2.4Ghz / 5Ghz Wi-Fi
- Removable and Chargeable NCR18650B Battery
- Battery polarity reversed protection and indication
- USB Type-C Charging
- Stickable Bracket

## Attention

Please kindly know that there is no battery in the package, while the battery is available in regular convenience stores and customers need to prepare themselves. And what we propose is **Panasonic NCR18650B Flat Top 3400mAh Battery**.

## Photo Reference for Panasonic NCR18650B Flat Top 3400mAh Battery



## Description

The Seed IoT Button For AWS is a Wi-Fi-based, programmable button that is easy to configure and simple to use. You can use the Seed IoT Button For AWS to capture quick customer feedback without burdening customers with time-consuming questionnaires. It is designed for enterprises and developers to easily integrate with existing business workflows and systems using the AWS IoT 1-Click service.

This IoT Button is fully compatible with **the official AWS IoT 1-Click iOS app and Android app**. The battery for this device is NCR18650B chargeable Li-ion battery. There is also a stickable bracket for this IoT Button. Customers can stick it on the wall or other surface and easily put the IoT Button in and get out from the bracket. The Seed IoT Button for AWS supports **three types of clicks: single, double, and long press, and 3 LEDs for different indications**.

## Applications

- AWS IoT Button
- Home Control
- Integrate with third-party APIs
- One-click to order takeout button
- Remote control for Netflix

What can Seed IoT Button For AWS do

Scenario	Methods
Hotel	By using different types of clicks to differentiate what services do the tenant wants.
Restaurant	Using different types of clicks to indicate where the customers are sitting and what food they ordered.
Manufacture Factories	Different types of clicks to trigger different manufacture problems that appeared.
Near Airports	By installing the IoT Button near the Airports, people from the neighbourhood can input different feelings towards the noise level. For example, Acceptable, no feeling or annoyed.

## Setup, Document and Support

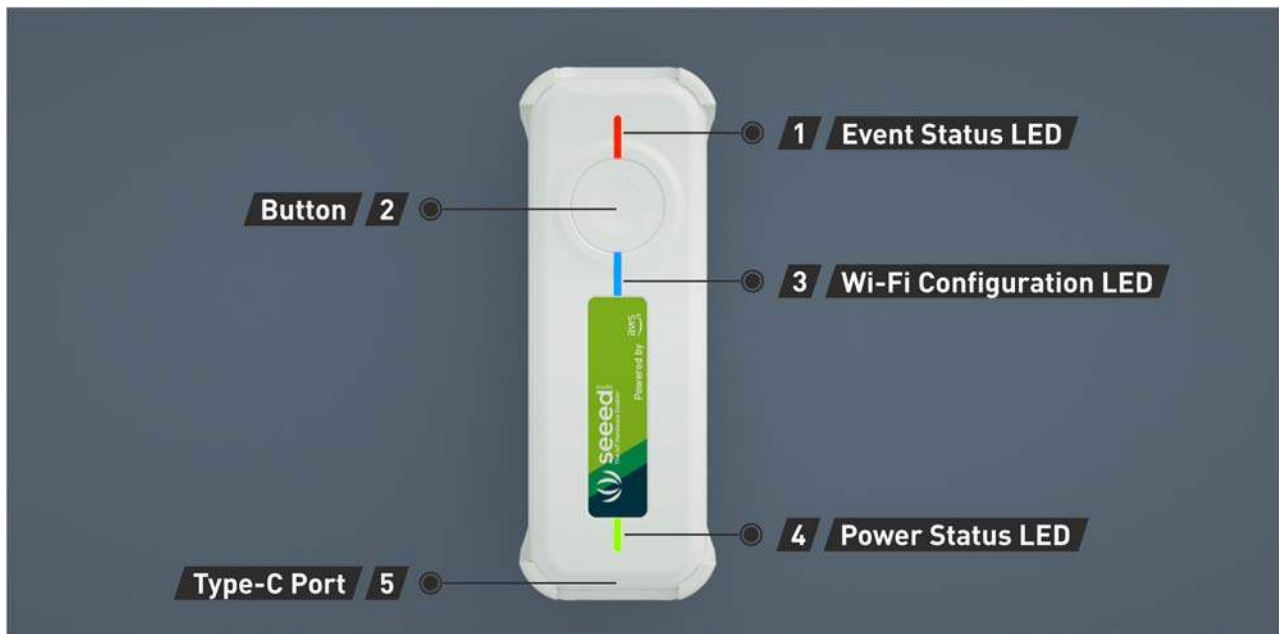
Please visit our wiki for more information about Seed IoT Button For AWS.

### Specifications

Parameter	Value
Size	92*32*25mm
MCU	Realtek, RTL8720DN: 20MHz Cortex M0; 200MHz Cortex M4F
Flash	4MB
Button	100,000 Cycles
LED	RGB
Wi-Fi	802.11 a/b/g/n 2.4GHz & 5GHz

Bluetooth	BLE 5.0
Battery	3.6V Li-ion 18650 Rechargeable battery
Charging Interface	USB Type-C
Charging Current	500mA
Charging time	4-6 Hours(According to battery capacity)
Battery Protection	Overcharge, Overcurrent, Over-discharge, and Reverse polarity protection
Firmware Update	Support OTA

## Hardware Overview



## Part List

- Seedi IoT Button For AWS x 1
- Stickable Bracket x 1
- User Manual x 1
- Triangle Plastic Pry Opening Tool x 1

## ECCN/HTS

HSCODE	8536500000
UPC	
FCC	1
CE	1

