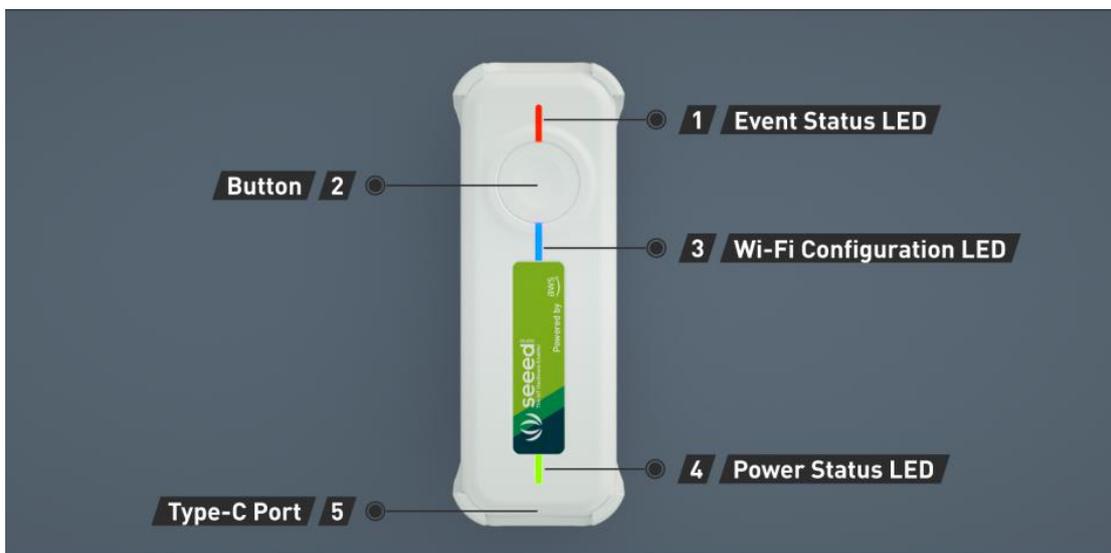


Model: Seeed IoT Button for AWS



The Seeed IoT Button For AWS is a Wi-Fi based, programmable button that is easy to configure and simple to use. You can use the Seeed 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. And this IoT Button is fully compatible with official AWS IoT 1-Click iOS app and Android app. The battery for this device is NCR18650B chargeable Li-ion battery. Please kindly know that no battery in the package, while the battery is available in regular convenience store and customer need to prepare themselves. And what we propose is Panasonic NCR18650B 3.6V 3400mAh. There is a bracket for this IoT Button. Customer can stick it on the wall or other surface and easy to put the IoT Button in and get out from the bracket. The Seeed IoT Button for AWS supports three types of clicks: single, double, and long press, and 3 LEDs for different indications.

Hardware Overview



The Power Status LED is near the USB Type-C Port.

Power LED Status	Indication
Battery reversed	Red
Battery Charging	Green ON
Battery Finished Charging	Green OFF

Getting Started

Device Activation

When first time using the device, you must connect the device to a computer or a power adapter through USB Type-C. When the power indication LED is green, it indicates that it's activated (The power status LED is near the USB Type-C port).

Device Configuration

Network Configuration

- Long press (over 7s): Enter BLE network configuration mode
- Configure Network via mobile App (temporarily lacking, need to provide by AWS)

Event Status LED Indications

The Event Status LED is near the button(Above the button).

LED Status	Indication
Red Always	The certificate has not been flashed or the certificate is invalid
White flashes -> Green	Event sent successfully
White flashes -> Red	Event sent failed
White flashes -> Orange	Wi-Fi connection failed, please check router or change network configuration
White flashes -> Purple	The server connection failed, please check the network environment

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

SAR Information Statement

The product is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted with the product transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the product while operating can be well below the maximum value. This is because the product is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a product model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model product when tested for use worn on the body, as described in this user guide, when properly worn on the body is 0.517W/kg.

(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various product and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model product with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model product is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on.

FCC ID: Z4TSEEEDAWSBU1 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <https://www.ctia.org/> In the United States and Canada, the SAR limit is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm is used between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.