



USER MANUAL

SmartSense Label SSL300

TAG-N-TRAC SMARTSENSE LABEL

About This User Manual

This user manual explains how to use Tag-N-Trac's SSL300. The intended audience is users who will be receiving samples of the SmartSense tag for test, evaluation, or deployment.

SmartSense Label is currently in production.

What is included in the box?

SmartSense Label

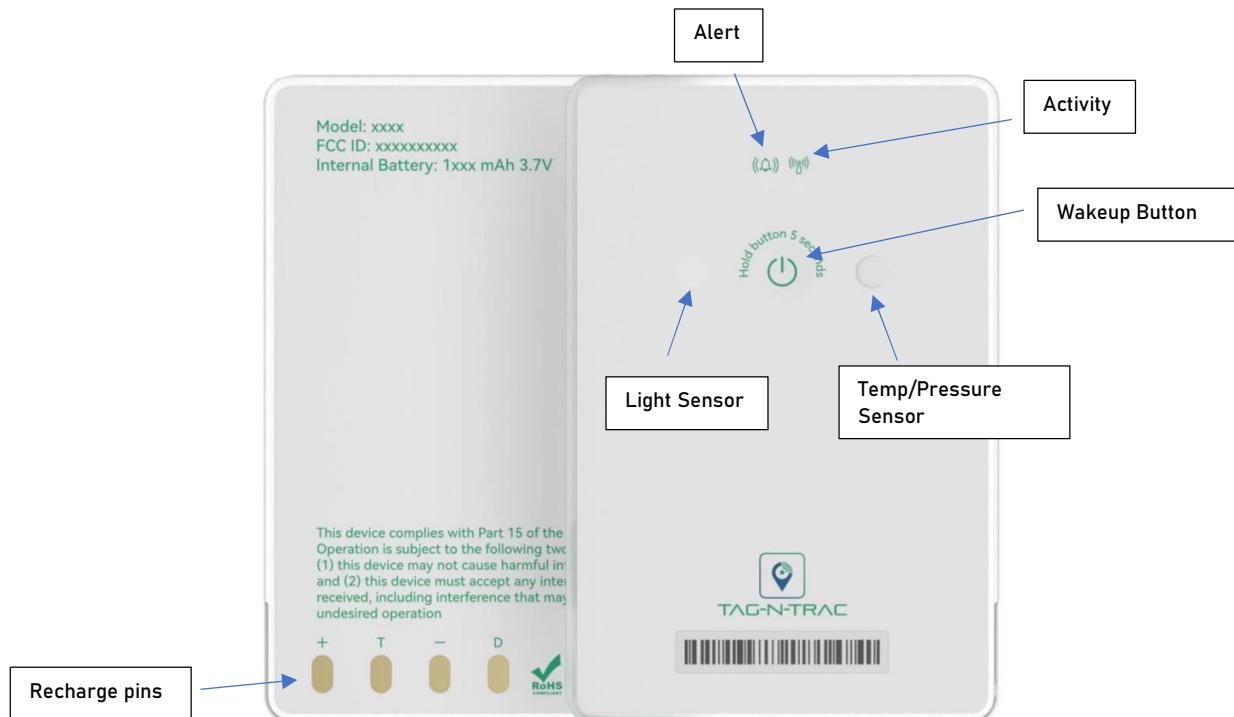


Image 1. SmartSense Label

Charging Dock

The device can also be charged using a docking station which has USB-C plug.



Image 5. Charging using a docking station

LED status indicators:

LED	Status
RED	USB-C Power Good
Green	Charging
Blue	Done

Table 1. Status of Green and Red LEDs.

Wakeup button:

Wakeup button is used to spontaneously wake up the device and capture latest sensor data. Note that the device will wake up, read, and store the sensor data. It will not upload it to the cloud at this time.

Tag-N-Trac customer dashboard – Understanding data uploaded by the SmartSense Label:

Data captured by the SmartSense Label is uploaded to Tag-N-Trac's cloud at a pre-defined interval. This data and related analytics can be visualized on Tag-N-Trac's customer dashboard.

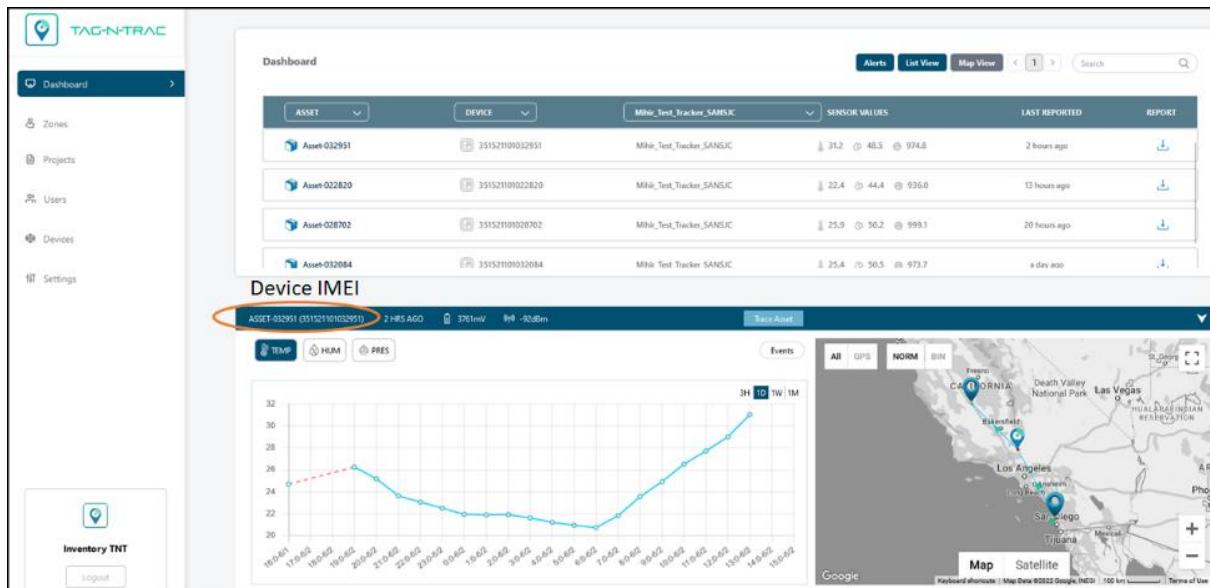


Image 5. Tag-N-Trac Customer Dashboard

More details regarding the Dashboard can be found in TNT's Cloud User Manual.

Regulatory

RF average conduct power range:

BLE (ESP32) :4dBm±2dBm, BLE (DA14531) :2.5±2dBm

802.11b:18±2dBm

802.11g:17±2dBm

802.11n HT20:17±2dBm

802.11n HT40:16.5±2dBm

eMTC band 2/4/5/12/13/25/26/66 :23±2.7 dBm

NB-IOT band 2/4/5/12/13/17/25/66 :23±2.7 dBm

CE Statement

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 20cm.

Hereby, We, Tag-N-Trac Inc. declares that the radio equipment type ST300-MM is in compliance with the Directive 2014/53/EU.

Legal Information

This device may be operated in all member states of the EU. Observe national and local regulations where the device is used.

FCC Regulations:

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.

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.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

RF Exposure

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter and must be installed to provide a separation distance of at least 20cm from all persons.