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TAG-N-TRAC ST300-MM Multi Mode SmartSense Tag User Manual

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Contents

About This User Manual

This user manual explains how to use Tag-N-Trac's ST300-MM which is a multi-mode Smart Sense tag. The intended audience is users who will be receiving samples of the Smart Sense tag for test, evaluation, or deployment.

Smart Sense tag is currently in production.
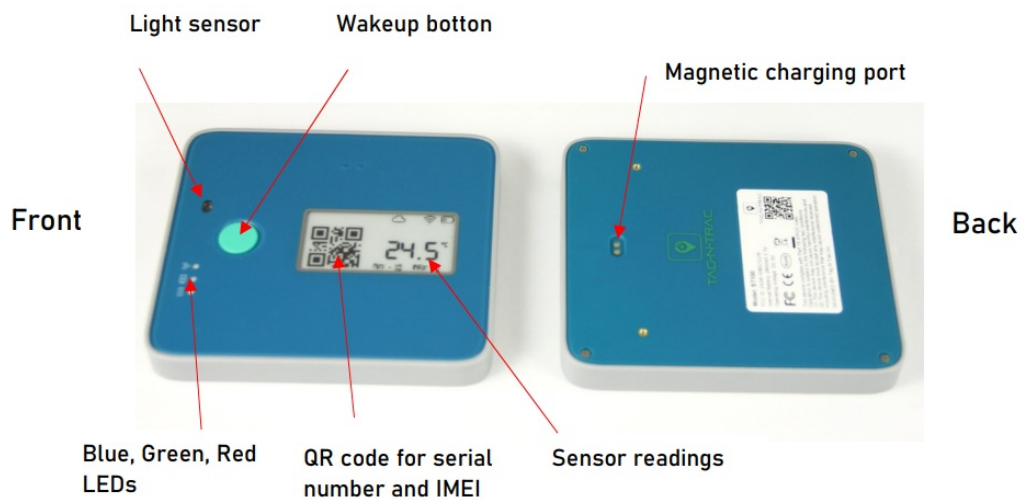
What is included in the box?

Smart Sense Tag is shipped with a magnetic charging cable.
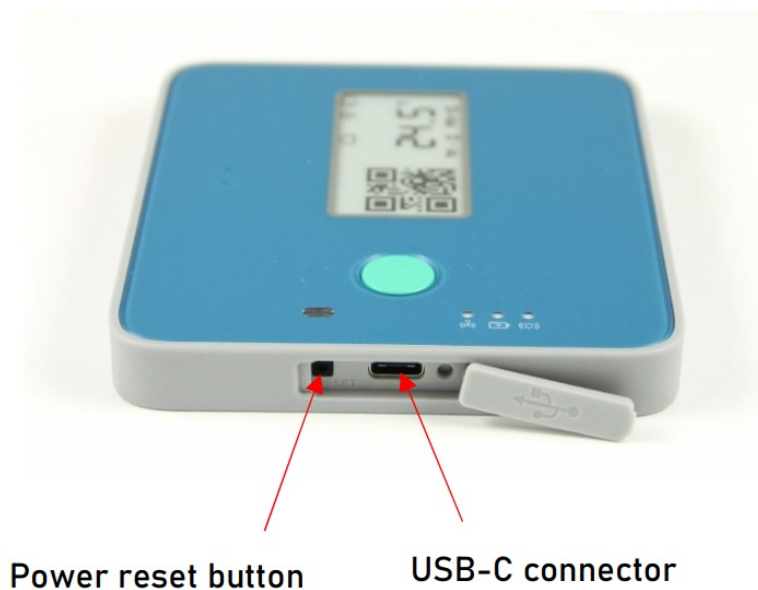**Image 1. Smart Sense Tag with magnetic charging cable**.

Front and back of the Smart Sense Tag:

Image 2. Front and Back of the Smart Sense Tag.

Side View of the SmartSense Tag:
Image 3. Side View the SmartSense Tag.

USB-C port
The USB-C port is for charging the device. A standard USB-C cable is used for charging
Image 4. Charging using USB-C port

Magnetic charging port
The device can also be charged using the magnetic charging cable as shown in the imagebelow.
Image 5. Charging using magnetic charging port

LED status indicators

Table 1. Status of Green and Red LEDs.

GREEN	Charging state -with charger plugged in	BLUE	Network activity state	RED	Alarm state
Blinking	Pre charging	On	Network activity	ON	Alarm
Solid On	Charging	Off	Network activity	OFF	No alarm
Off	Fully charged				

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 thecloud at this time.
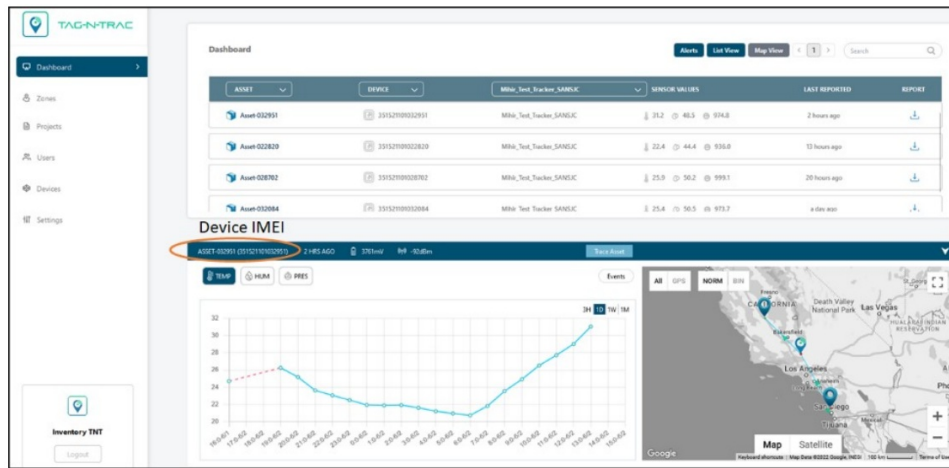
Reset button:
Reset button is used to reset the power to the device.

Tag-N-Trac customer dashboard – Understanding data uploaded by theSmartSense Tag:
Data captured by the SmartSense Tag is uploaded to Tag-N-Trac's cloud at a pre-definedinterval. 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.

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

Changes or modifications not expressly approved by the manufacturer could void the user'sauthority 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 beco 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.

Documents / Resources

TAG-N-TRAC ST300-MM Multi Mode SmartSense Tag [pdf] User Manual
ST300-MM, 2A24I-V03G13J17, 2A24IV03G13J17, v03g13j17, ST300-MM, ST300-MM Multi Mode SmartSense Tag, Multi Mode SmartSense Tag, SmartSense Tag, Tag