



TAG-N-TRAC SmartSense Tag User Manual

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TAG-N-TRAC SmartSense Tag



About This User Manual

This user manual explains how to use Tag-N-Trac's SmartSense Tag. This product is also referred to as a – cellular puck or cellular tracker. The intended audience is users who will be receiving samples of the SmartSense tag for test, evaluation, or deployment. SmartSense tag is currently in production.

What is included in the box?



Image 1. SmartSense Tag with charging cable.

- SmartSense Tag is shipped with a charging cable.

Front and back of the SmartSense Tag



Image 2. Front and Back of the SmartSense Tag.

How to charge the Tag

The charging cable has a magnetic connector. Please connect the cable to the device as shown in the image below. Below images illustrate how to charge the SmartSense Tag with its charging cable. The charging cable has a magnetic connector with two pins that is used to charge the Tag.

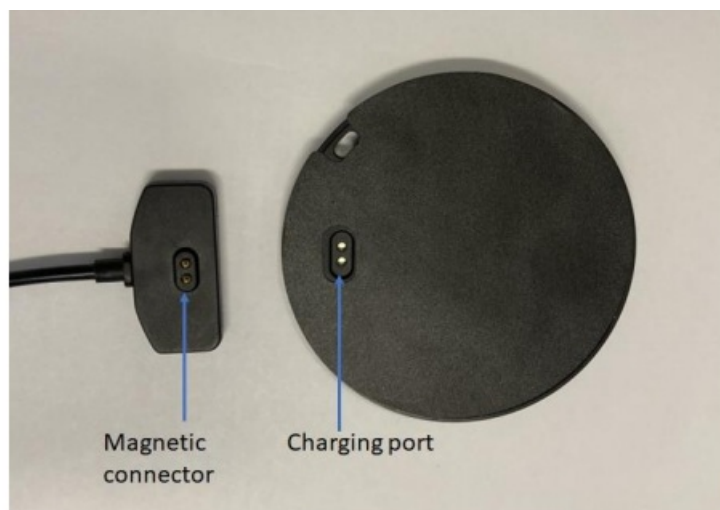


Image 3. SmartSense Tag – charging cable and charging port.



Image 4. SmartSense Tag – charging cable plugged into the charging port.

MicroUSB port

MicroUSB port is not a charging port. It is available to connect any supported sensors for e.g., high precision temperature sensor with probes.

LED status indicators

| GREEN | Charging state – with charger plugged in. | RED | State of the device |
|-------|---|----------|--|
| ON | Device is being charged. | Blinking | Device is awake – trying to get a fix or upload the data to the cloud. |
| OFF | Device is fully charged | OFF | Device is in sleep state. |

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 Tag

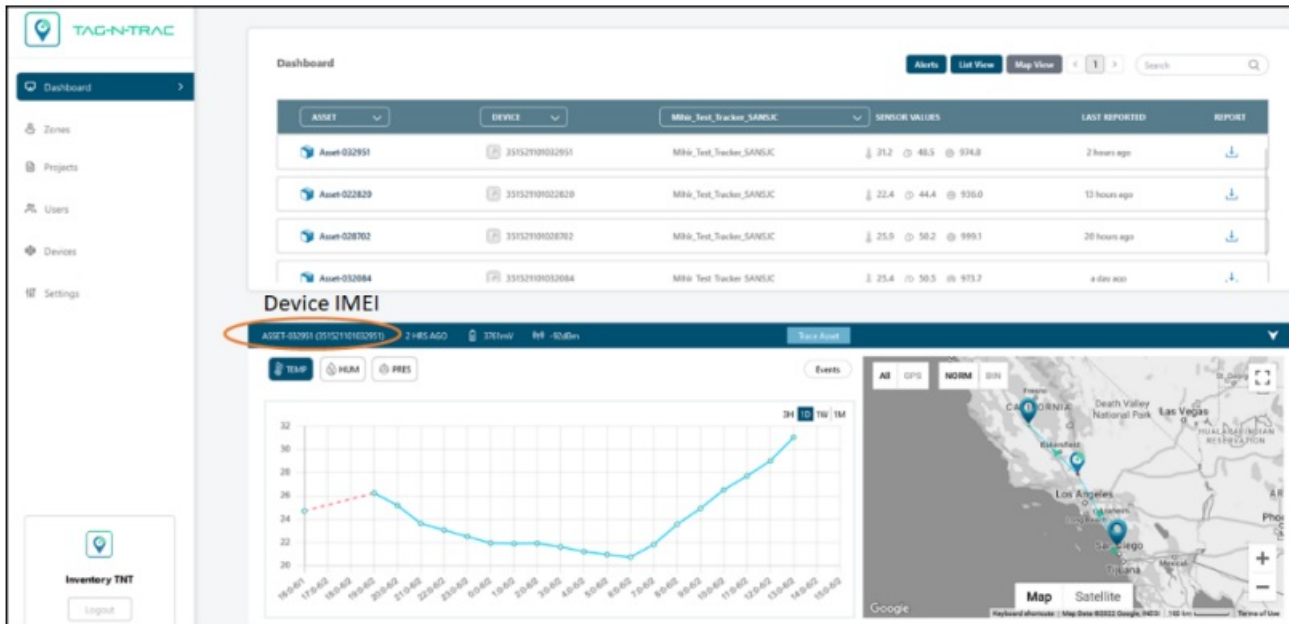


Image 5. Tag-N-Trac Customer Dashboard

Data captured by the SmartSense Tag 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.

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

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.
2. this device must accept any interference received, including interference that may cause undesired operation.

Any 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.

This Smart Sense Tag meets the government's requirements for exposure to radio waves. 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 or health.

The SAR limit of USA (FCC) is 1.6 W/kg averaging over one gram of tissue. Device types: Smart Sense Tag (FCC ID: 2A24I-V06G12J16) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for when properly worn on the body is 0.668W/kg. This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm must be maintained 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.

CE Maintenance

1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. EUT Operating temperature range: -20° C to 55° C .
3. The device complies with RF specifications when the device used at 5mm from your body.

Declaration of Conformity

Chongqing Huiye IoT Technology Co.,Ltd. hereby declares that this Smart Sense Tag is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.

Tag-N-Trac

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Documents / Resources

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|  | <p>TAG-N-TRAC SmartSense Tag [pdf] User Manual V06G12J16, 2A24I-V06G12J16, 2A24IV06G12J16, SmartSense Tag, SmartSense, Tag</p> |
|---|---|

References

- [Tag-N-Trac Inc.](#)