



Sensize TR1.4 Low Profile Tracker



The TR1.4 Low Profile Tracker is a robust, low cost, extremely long battery life tracking device with cellular connectivity. It reports location, detailed indoor location for the retail environment, movement, in-store customer activity (e.g. footfall) and temperature. It also acts as a mobile access point for Sensize Dot trackers. A single TR1.3 can upload data from thousands of Sensize Dot trackers. Used with the Sensize network back end, it enables efficient long-term monitoring of many types of asset.

Physical Characteristics

Dimensions	120mm x 80mm x 23mm
IP Rating	IP65 Dust ingress/Waterproof
Material	ABS Plastic
Temperature rating	Continuous operation at -30°C to +60°C. Extended periods at temperature extremes may affect the battery life. Short periods at higher/lower temperatures are acceptable.
Fixing	Two fixing holes suitable for M4/M5/M6 screws (M5 recommended), self-tapping screws or plastic/metal rivets. Double sided adhesive mounting tape is also possible.

Key Features

Cellular	LTE-M (CAT-M1)
Short Range Connectivity	Bluetooth Smart v4 + 802.11b/g/n
Location	GNSS (Optional) + WiFi + Bluetooth + Cellular Network
Sensors	Accelerometer + Temperature Sensor + in store footfall
Local storage	Flash memory for 1 year+ of locations, sensor readings and Dot Reports

Battery

Chemistry	Lithium Thionyl Chloride
Battery life	5-6 years depending on configuration

FCC WARNING

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.

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.