Help is here. Whenever and however you need it.

Help Center

Installation, activation, and onboarding info
can be found at help.trackunit.com

Customer Success

Please reach out to our experienced support team
at support@trackunit.com

Order

Already know what you need?
Place your order at trackunit.com

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MA-00060.3

Trackunit Spot
Installation Guide



Trackunit®



Trackunit Raw

TU700 Raw is the benchmark for construction fleet tracking, providing secure and rugged performance. Raw delivers real-time insights on equipment location, utilization, and condition.



Trackunit Pass

K300 Pass is more than a keypad—it's your key to safely unlocking powered equipment. Empower your organization with a flexible, secure Access Management solution that grants tailored operator access rights based on your unique policies.



Trackunit Kin

A Bluetooth® tag that's compact, easy to install, and built to last. Kin tags track equipment location and utilization, for full-fleet connectivity. Install on-site in one minute—tag your asset, pair via Bluetooth, enter asset data, and start tracking for up to five years.



Trackunit Beam

Deploy Beam gateways to build 100% coverage for Bluetooth® wireless technology tagged assets. Capture full visibility, anywhere on your site, inside buildings, in storage containers, or in rental or tool depots.

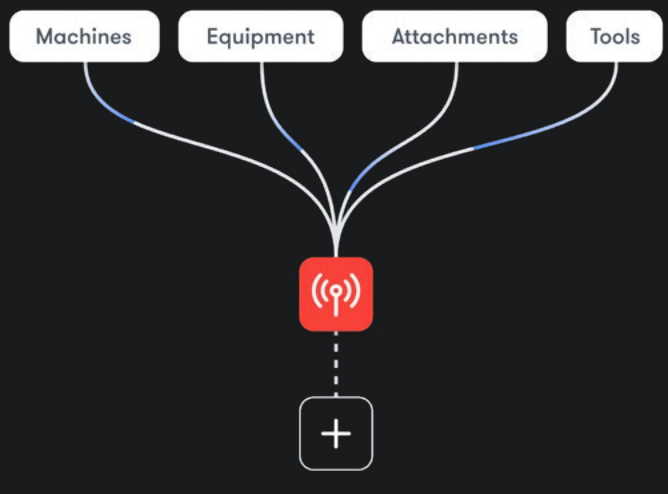
Bring Every Asset Online

Choose from Trackunit's rugged telematics solutions to turn all your equipment into smart, connected assets.



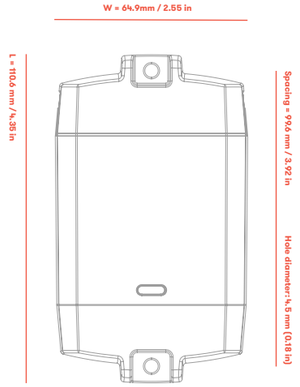
Fleet Flexibility

Connect and manage any mix of machines, equipment, attachments, and tools in one place.



Meet
Trackunit Spot S300

Product Information



Overview

Trackunit S300 is a battery-powered telematics device that provides performance, durability, and flexibility to manage your fleet of non-powered assets, machines, or equipment.

Dimensions

- Length: 110.6 mm (4.35")
- Width: 64.9 mm (2.55")
- Height: 31 mm (1.22")
- Weight: 155g (5.4 oz)

Tech Specs

- Network: LTE Cat 1 bis
- Approvals: CE, FCC/IC, and PTCRB
- GNSS: GPS, GLONASS, BeiDou, Galileo, QZSS
- BLE: Qualified against Bluetooth® Core 6.0
- Battery: 3.6V
- Capacity: 7200 mAh
- Operating temperature: -30°C to +70°C (-22°F to +158°F)
- Environmental class: IP66, IP67, IP69
- 3-axis accelerometer

Included

- Trackunit Spot S300
- Installation Kit
- Installation Guide (this document) & Safety Instructions

Trackunit Spot S300 connects with

Trackunit Manager Trackunit Go Trackunit Fit

Getting Started

Please read the included Safety Instructions before installing this device.

1 Fit app setup

Get started with the **Trackunit Fit** app to validate installations of Trackunit IoT telematics devices.

A **Download the Fit app**

Get the Trackunit Fit app by scanning the QR code or going to trackunit.com/trackunit-fit/ to access the official download page.

B **Log in**

Use your Trackunit Manager credentials to log in to the mobile app.

C **Begin a new installation:**

Tap **Start Installation** and then follow the on-screen instructions.

How to install
Trackunit Spot S300

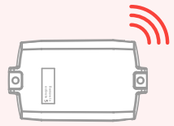
2 Mounting orientation

To get optimal performance out of Trackunit Spot S300:



Vertical mounting

Mount S300 upright with the antenna facing the sky. The activation sticker should be seen near the bottom of the device. Do not remove the activation sticker during mounting.

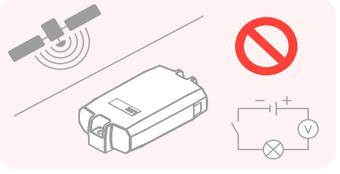


Horizontal mounting

Mount S300 horizontally with the antenna facing the sky. The activation sticker should be seen near the left side of the device. Do not remove the activation sticker during mounting.

3 Mounting

Install S300 by using the included installation kit, depening on the installation surface. Use the included 3M cleaning sachet to clean the surface before mounting. If using screws, tighten the screws to 1.1 Nm max. Do not over-tighten. Do not remove the activation sticker during mounting.

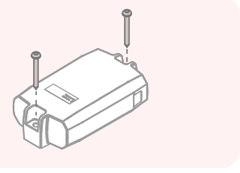


Mounting location

Avoid mounting S300 under metal objects or next to electrical wiring.

Slap-and-Track mounting / Non-Flat surface mounting

Use included installation kit.



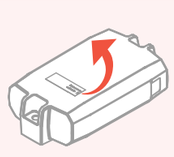
Screw mounting

For uneven surfaces, use the spacers in the installation kit to ensure S300 sits flat. Do not tighten the screws to close a gap between device and mounting surface.

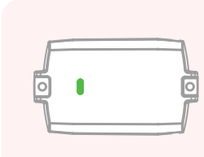
- Mounting hole diameter: 4.5 mm (0.18")
- Screws required: Self-tapping screws, M4 flat head, 2 pieces

4 Activation

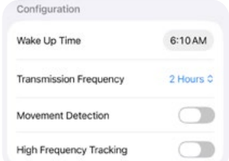
After completing installation, the Trackunit Spot S300 needs to be activated before it transmits data. Activate the S300 by **removing the activation sticker from the front of the S300**. This will expose the LED indicator to direct light and trigger an activation.



Remove the activation sticker covering the LED indicator.



The LED indicator on the front of S300 will flash green, indicating the device is active.



Use the Trackunit Fit app to configure how often S300 transmits an updated location (default is one time per day).

Note: During the activation process, it can take up to 3 seconds for the LED indicator on the S300 to start flashing.

5 Functionality check

During the first 10 minutes of being activated, the LED will blink to indicate its status.

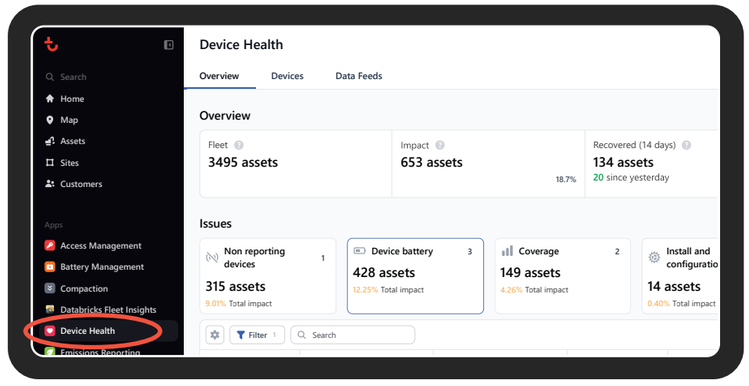
Activation Flashes	Cellular	GNSS	Status
1 flash	✓	✓	Fully connected. All set!
2 flashes	✓	✗	Cellular OK. No GNSS.
3 flashes	✗	✓	No cellular. GNSS OK.
4 flashes	✗	✗	No cellular. No GNSS.

Stay Connected

Device Health

The Device Health app in Trackunit Manager helps you monitor and troubleshoot device connectivity issues. It gives you visibility into your devices' health, highlights connectivity problems, and recommends actions to resolve them.

You can find the **Device Health** app under **Apps** in the left navigation bar.



Assets can be located by setting up detection intervals. Track multiple times per day or even every second day, the choice is yours.

When movement detection is enabled, Trackunit Spot S300 will transmit data if movement is detected and will keep doing so every hour until your asset is at a standstill.

By combining location data and utilization data, you can see where your asset is located and when it's being used.

Trackunit®