

Approvals and Certifications

CE

Compliant with the RED Directive 2014/53/EU as stated by the EU Declaration of Conformity.

FCC and IC

The product contains radio transmitters certified according to relevant parts of CFR 47 and Industry Canada rules and regulations.

PTCRB

Certified to (North American Permanent Reference Document 03) for cellular communication and radio resource management protocols.

Automotive

E1 certified as an Electronic Sub Assembly (ESA) for mounting in vehicles according to United Nations (UN) R10.

Environmental Class

Environmentally tested for use in heavy trucks (SAE J1455) covering vehicles and off-road machinery. Enclosure protection class: IP67.

Contact

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Trackunit Raw is operated by



Learn more at www.trackunit.com
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ALL IN ONE. ONE FOR ALL

Trackunit Raw

Fleet control and easy access to data.

Trackunit Raw collects all the data you need to manage your fleet regardless of machine type. Digitization of your fleet starts right here.



This is Raw

Trackunit Raw is a robust and versatile telematics device, providing secure and reliable connectivity.

Trackunit provides software essential for your business. But, without great hardware and firmware, it has no value. Trackunit Raw seamlessly connects to all types of machines and equipment to collect valuable data.

Trackunit Raw digs right into the machine's DNA and grabs all the machine data necessary for you to exploit the potential of each machine to its fullest.

One simple solution

Precision and performance for machinery of all shapes and sizes.

Trackunit Raw gives you all the information you need from construction machinery, excavators, lifts, industrial equipment and anything in-between.

Installation and start-up require minimal effort with no complications. Your entire fleet connects with the same telematics device that collects and combines all machine data in one place.

It doesn't get any simpler than that.

One box, endless opportunities

Access to the right machine data sets a new standard for proactive fleet management.

Trackunit Raw is flexible by design, allowing you to add new features that increase machine data collection.

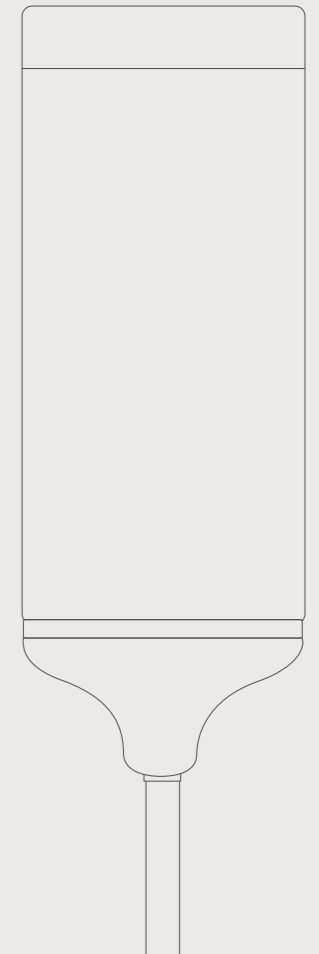
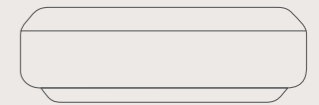
Catering to your specific needs and requirements, the wide range of built-in services give you the precise insight to control your fleet down to the smallest detail - nothing is left to chance with the right combination of machine data.



45.7 mm

17.7 mm

122 mm



Trackunit Raw

Size and Weight

Size: 45,5 × 122,3 × 17,9 mm / 1.79 × 4.82 × 0.7 in.
Weight: 65 g / 2.29 oz (excl. cable)

IP Firmware

ARM CORE Microprocessor
Software-controlled CAN termination 120 ohm
3-axis motion and tilt sensor
Temperature sensor
Device encryption

Power

Supply Voltage: 12 - 48 VDC
Max. Voltage Range: 8 - 58 VDC
Input 1-4 max. Voltage: 48 VDC
Backup Battery: Minimum 720 mAh Li-ion
Stby without Dual ID II: 18 mA/12V - 14 mA/24V
Stby with Dual ID II: 31 mA/12V - 22 mA/24V
Charge Consumption: 225 mA/12V - 115mA/24V
Charging Time: 4 hours

Connectivity

LTE-M, NB-IoT w. 2G GSM
Worldwide network coverage
GNSS: GPS, GLONASS, BeiDou, Galileo, QZSS
Bluetooth 5.0 BLE

I/O

Digital inputs: 4 / Digital outputs: 1
CAN inputs: CAN High / CAN Low
CAN Support: J1939 / CAN Open
1-Wire: DualID and temperature sensor

Operating Temperature

Temperature Range: -30°C to +60°C / -22F to +140F
Storage: -30°C to +70°C / -22F to +158F