Vision Fleet Mini

COMPACT 4G VEHICLE TRACKER · EMEA & APAC VERSION

PART No. SL-0001-TT

A discreet, hardwired 4G vehicle tracker in an ultra-small case. The Vision Fleet Mini delivers live GPS positioning, journey history and driver-behaviour insight, with Bluetooth for wireless sensors and an internal battery that flags tampering — the simplest way to bring every car and van onto the Vision platform.

- Ultra-small case that hides almost anywhere
- 4G LTE Cat 1 with 2G fallback
- Multi-constellation GNSS with high-gain antennas
- Bluetooth 4.0 for sensors and beacons
- Backup battery for tamper and power-loss alerts



EMEA & APAC version · supplied provisioned for the Vision platform

PRODUCT MARKINGS CE E

4G LTE Cat 1 2G FALLBACK	**Multi-GNSS** HIGH-GAIN ANTENNA	**Bluetooth 4.0** SENSORS & BEACONS	**170 mAh** BACKUP BATTERY
1 · 1 · 1 DIGITAL IN · OUT · ANALOGUE	**128 MB** 422,400 RECORDS	**10–30 V DC** 12 V & 24 V	**54 g** ULTRA-COMPACT

Built for every kind of fleet

Vans & LCVs · Company cars · HGVs & trucks · Buses & coaches · Municipal fleets · Plant & machinery

Know where everything is
Live positions and full journey history for every vehicle on one map.

Cut running costs
Mileage, idling and driver-behaviour data that turns into savings.

Ready for professional fitting
Provisioned by Vision Telematics, ready for professional fitting.

Why Vision Telematics

- **Expert support** — Help from our specialist team
- **Commercial grade** — Built for working fleets and assets
- **One platform** — Vehicles, cameras & assets, one login
- **One partner** — Hardware, connectivity & software

Features & benefits

FEATURE — WHAT IT DOES	BENEFIT — WHAT IT MEANS FOR YOU
High-gain GNSS & 4G antennas Internal high-gain antennas for fast fixes, even in dense urban areas.	**Accurate, reliable positions** Live locations and journey records you can trust for customers, timesheets and claims.
Driver-behaviour sensing Built-in accelerometer detects harsh braking, harsh acceleration and harsh cornering.	**Safer, cheaper driving** Score and coach drivers on real events to cut fuel, wear and collision risk.
Internal backup battery Keeps reporting for a time after power is cut and raises a power-disconnect alert.	**Tamper-aware tracking** Know immediately if a tracker is disconnected — and where the vehicle was at the time.
Bluetooth 4.0 Connects wireless temperature, door and ID sensors and beacons without extra wiring.	**Expand without rewiring** Add sensors later as your needs grow, with no return visit for cabling.
Ignition sensing & immobiliser output One digital input, one analogue input and one open-collector output.	**Control as well as visibility** Detect ignition and PTO, or fit a relay for remote immobilisation.
Vision platform ready Live tracking, trips, geofences and alerts on the same login as your cameras and assets.	**One view of the fleet** No separate portals to learn — vehicles, video and assets come together in one place.

Technical specification

Connectivity & positioning

Regional version	EMEA & APAC version — for mobile networks in Europe, the Middle East, Africa and Asia-Pacific
Cellular	4G LTE Cat 1 with 2G (GSM/GPRS) fallback
LTE bands	B1, B3, B7, B8, B20, B28
2G bands	B2, B3, B5, B8
GNSS	GPS, GLONASS, Galileo, BeiDou — up to −165 dBm sensitivity
SIM	Supplied with a provisioned data SIM on request

Technical specification (continued)

Hardware & interfaces

Inputs/outputs	1 × digital input, 1 × analogue input, 1 × open-collector digital output
Sensors	Built-in accelerometer (movement, harsh events)
Bluetooth	Bluetooth 4.0
Memory	128 MB flash — up to 422,400 records
Antennas	Internal high-gain GNSS and cellular
Status LEDs	2 × status LEDs
Cable	Non-detachable colour-coded 5-wire cable

Power

Supply voltage	+10 to +30 V DC, with overvoltage protection
Backup battery	3.7 V 170 mAh Li-ion (rechargeable)
Consumption (12 V)	Nominal < 28 mA · deep sleep < 3 mA · ultra deep sleep 2 mA

Physical & environmental

Weight	54 g (device, case and battery)
Operating temperature	–40 °C to +85 °C (without battery) · –20 °C to +40 °C (with battery)
Certifications	CE/RED · E-mark · RoHS · REACH

In the box & options

In the box

- Tracker with power and I/O cable
- Data SIM provisioned on request

Options & accessories

SL-0002-TT	Vision Fleet Mini — Latin America version
SL-0017-PT	Bluetooth temperature sensor (EN 12830)

Ready to put the Vision Fleet Mini to work?

Talk to our team for a demonstration, a tailored quotation or help choosing the right configuration. We supply and support everything — hardware, connectivity and the Vision platform — from one partner.

Book a demo | Request a quote

Scan for the product page

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