Vision Asset Rugged BLE + Temperature

RUGGED GPS TRACKER & GATEWAY WITH WIRELESS TEMPERATURE SENSOR

PART No. SL-0016-PT

Track the asset and the condition of its load. The Vision Asset Rugged BLE tracker is bundled with one wireless Bluetooth temperature sensor certified to EN 12830, giving location to ~2 m accuracy* and continuous temperature data from trailers, containers and reefers on the Vision platform.

- Vision Asset Rugged BLE + 1 wireless temperature sensor
- EN 12830-certified temperature monitoring
- ~2 m accuracy* from four GNSS constellations
- Up to 10 years* on 3 × AA cells
- Sealed IP68 / IK07 rugged housing



Fix with screws, bolts, rivets or cable ties — no wiring needed

PRODUCT MARKINGS CE

EN 12830 CERTIFIED TEMPERATURE	**~2 m CEP*** MULTI-GNSS	**Up to 10 yrs*** 3 × AA CELLS	**LTE-M / NB-IoT** LOW-POWER 4G
BLE 5.2 TAG & SENSOR GATEWAY	**IP68 · IK07** ULTRA-RUGGED	**108 × 86 × 30 mm** 166 G	**Adaptive** SMART REPORTING

Made for assets without a power supply

Reefer trailers · Containers · Trailers · Tanks & IBCs · Pharma & food · Equipment

Deter & recover
Movement alerts flag theft early so you can act while the trail is warm.

Deploy once
No wiring, no charging — long-life cells keep it reporting for years.

Prove utilisation
Movement and run hours show what is earning and what is idle.

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
Certified temperature monitoring Wireless EN 12830 sensor logs load temperature and reports via the tracker.	**Prove the cold chain** Evidence for customers and auditors, and alerts before stock is lost.
High-precision GNSS Concurrent GPS, GLONASS, Galileo and BeiDou for accurate outdoor positions.	**Find it first time** Pinpoint assets on large sites and in crowded yards.
Adaptive tracking Reports less while parked and more while moving, with sleep mode between trips.	**Detail when it matters** Accurate trips and movement history without sacrificing years of battery life.
Bluetooth 5.2 gateway Reports nearby compatible Bluetooth tags and wireless sensors with its own position.	**More visibility, lower cost** Track attachments and monitor conditions without a tracker on every item.
Impact & handling alerts Configurable g-force thresholds from the built-in 3-axis accelerometer.	**Spot misuse and damage** Know when equipment is dropped or mishandled, and who had it.
User-replaceable batteries Standard lithium cells that can be swapped on site — no charging and no wiring.	**Deploy once, forget for years** Near-zero maintenance cost after fitting, and devices that outlive the assets.

Battery life you can plan around*

10 years
Once-daily location
For static or rarely moved assets.

6 years
Movement-based**
Frequent updates while moving, quiet while parked.

3.5 years
Hourly location
Regular positions for high-value or high-risk assets.

How it works

01
Fit it
Screw, bolt, rivet or cable-tie it to the asset in minutes. No wiring and no downtime.

02
It reports in
Positions travel over low-power cellular; records are stored and sent later if coverage drops.

03
You see everything
Live location, movement, geofence and tamper alerts appear on the Vision platform.

04
You act
Out-of-hours movement triggers recovery; utilisation reports show what is idle.

Technical specification

Connectivity

Network	LTE-M (Cat-M1) / NB-IoT — roams between networks with a roaming SIM
LTE-M bands	B1, B2, B3, B4, B5, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B66
NB-IoT bands	B1, B2, B3, B4, B5, B8, B12, B13, B17, B19, B20, B25, B26, B28, B66
Bluetooth	Bluetooth 5.2 gateway
SIM	Internal nano SIM (4FF)

Location

GNSS	Concurrent GPS, GLONASS, Galileo and BeiDou
Accuracy*	~2 m CEP
Environment	Outdoor

Power

Batteries	3 × AA lithium, user-replaceable
Battery life*	Daily: up to 10 years · Movement-based**: up to 6 years · Hourly: up to 3.5 years
Battery monitoring	'Battery low' and 'battery critical' alerts

Mechanical & environmental

Dimensions	108 × 86 × 30 mm
Weight	166 g with lithium batteries
Housing	Unbranded glass-filled nylon
Ingress & impact	IP68 and IK07
Operating temperature	–30 °C to +60 °C
Mounting	Screws, bolts, rivets or cable ties

Sensors & smart features

Accelerometer	3-axis — movement, trips and impact detection
Data logging	Flash memory stores records when out of coverage
Smart features	Adaptive tracking · geofencing · impact alerts · run-hour monitoring · sleep mode · theft-recovery mode

Management & security

Configuration	Over-the-air configuration and firmware updates
Data security	AES-256 encryption from device to cloud; HTTPS onward delivery
Platform	Vision platform — same login as your vehicles and cameras
Certifications	CE

In the box & options

In the box

- Vision Asset Rugged BLE tracker
- 1 × Bluetooth temperature sensor (EN 12830)
- Fixing screws

Options & accessories

SL-0017-PT	Additional Bluetooth temperature sensor
SL-0007-PT	Vision Asset Rugged BLE tracker only

On the Vision platform

Live location & history
Every asset on the same map as your vehicles.

Movement & tamper alerts
Out-of-hours movement and removal flagged instantly.

Geofences
Alerts as kit enters or leaves yards and sites.

Utilisation reports
See what moved, what sat idle and for how long.

* Battery life and accuracy are manufacturer estimates under ideal conditions and depend on temperature, installation, battery choice, reporting frequency, coverage and connected sensors.

** Movement-based: 2 hours of movement a day, 5 days a week, with updates every 3 minutes and uploads every 30 minutes while moving.

Ready to put the Vision Asset Rugged BLE + Temperature 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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