Vision Asset Ultra Global

ULTRA-RUGGED LONG-LIFE TRACKER WITH GLOBAL 4G/2G

PART No. SL-0012-PT

The global version of our longest-life tracker. Two user-replaceable D cells give up to 10 years* of service, while 4G LTE Cat 1bis with 2G fallback keeps cross-border plant, containers and trailers reporting on almost any network — with a Bluetooth 5.2 gateway and magnetic tamper detection built in.

- Global 4G Cat 1bis with 2G fallback
- Up to 10 years* on 2 × user-replaceable D cells
- ~2 m accuracy* from four GNSS constellations
- Bluetooth 5.2 gateway for tags and sensors
- IP68 / IK07 housing with magnetic tamper detection



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

PRODUCT MARKINGS CE

4G Cat 1bis GLOBAL + 2G FALLBACK	**Up to 10 yrs*** 2 × D CELLS	**~2 m CEP*** MULTI-GNSS	**BLE 5.2** TAG & SENSOR GATEWAY
IP68 · IK07 ULTRA-RUGGED	**Tamper alert** MAGNETIC DETECTION	**222 × 91 × 41 mm** 457 G	**–30 to +60 °C** OPERATING RANGE

Made for assets without a power supply

Trailers · Containers · Plant & machinery · Generators · Skips & bins · Compressors · Lighting towers · Hire & rental kit

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
Global connectivity 4G LTE Cat 1bis with 2G fallback on all major global bands.	**Coverage across borders** Keep tracking as assets move between countries and networks.
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.
Magnetic tamper detection Removing the external magnet raises an alert; recovery mode switches to real-time tracking.	**Faster theft response** Give the police a live location instead of a crime number.
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.
Run-hour & utilisation data Movement-based run hours and trip history for every asset.	**Hire and buy less** See what is earning and what sits idle, then right-size the fleet.

Battery life you can plan around*

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

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

7 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	4G LTE Cat 1bis with 2G fallback — global coverage
Bands	All major global 4G Cat 1bis and 2G bands
Bluetooth	Bluetooth 5.2 gateway
SIM	Internal nano SIM (4FF)

Location

GNSS	Concurrent GPS, GLONASS, Galileo and BeiDou
Accuracy*	~2 m CEP
Fallback	Cell-tower location when GNSS is unavailable
Environment	Outdoor

Power

Batteries	2 × D-cell lithium thionyl chloride (LTC), user-replaceable
Battery life*	Daily: up to 10 years · Movement-based**: up to 9 years · Hourly: up to 7 years

Mechanical & environmental

Dimensions	222 × 91 × 41 mm
Weight	457 g with LTC 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
Tamper detection	External magnet — alert when removed
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 Ultra Global tracker
- Fixing screws

Options & accessories

SL-0011-PT	Vision Asset Ultra — LTE-M / NB-IoT, up to 20 years
SL-0017-PT	Bluetooth temperature sensor, EN 12830

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 Ultra Global 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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