Vision Asset Slim Lite

LOWEST-COST INDOOR/OUTDOOR NB-IOT TRACKER

PART No. SL-0002-PT

Our lowest-cost asset tracker, built to tag everything. The Vision Asset Slim Lite locates assets using Wi-Fi access points and cell towers over NB-IoT, so two AA cells last up to 10 years* — perfect for bins, cages, tools and equipment that never justified a tracker before.

- Lowest-cost way to track every asset
- Up to 10 years* on 2 × user-replaceable AA cells
- Wi-Fi and cell-tower location, indoors and out
- NB-IoT low-power connectivity
- IP68 / IK07 housing with magnetic tamper detection



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

PRODUCT MARKINGS CE

Up to 10 yrs* 2 × AA CELLS	**Wi-Fi + cell** INDOOR & OUTDOOR	**NB-IoT** LOW-POWER NETWORK	**IP68 · IK07** ULTRA-RUGGED
Tamper alert MAGNETIC DETECTION	**149 × 51 × 21 mm** SLIM PROFILE	**98 g** WITH BATTERIES	**–30 to +60 °C** OPERATING RANGE

Made for assets without a power supply

Tools & kit · Cages & containers · Bins & skips · Trailers · Equipment · Returnable packaging · Attachments · Site 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
Wi-Fi & cell-tower positioning Scans nearby Wi-Fi access points (it never connects) and cell towers for indoor fixes.	**Find it indoors too** Locate assets in warehouses, depots and urban areas where satellites cannot reach.
NB-IoT connectivity Ultra-low-power NB-IoT (NB2) cellular for small, infrequent reports.	**Lowest running cost** Affordable connectivity that makes tracking thousands of assets viable.
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.
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.
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.
Geofences & movement alerts Alerts when assets enter or leave sites, or move out of hours.	**Act before it is gone** Get notified the moment kit leaves the yard or moves when it should not.

Battery life you can plan around*

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

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

3 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	NB-IoT (NB2), multi-band
SIM	Internal nano SIM (4FF)

Location

Positioning	Wi-Fi access-point scanning · cell-tower fallback (no GNSS)
Accuracy*	~10–100 m with Wi-Fi in urban areas · ~250 m–1 km by cell tower
Environment	Indoor and outdoor

Power

Batteries	2 × AA lithium, user-replaceable
Battery life*	Daily: up to 10 years · Movement-based**: up to 4.5 years · Hourly: up to 3 years
Sleep current	< 10 µA
Battery monitoring	'Battery low' and 'battery critical' alerts

Mechanical & environmental

Dimensions	149 × 51 × 21 mm — slim enough to conceal
Weight	98 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
Tamper detection	External magnet — activation and removal alert
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 Slim Lite tracker
- Fixing screws

Options & accessories

SL-0001-PT	Vision Asset Slim Edge — adds cloud-solved GNSS
SL-0003-PT	Vision Asset Slim GPS — outdoor high precision

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 Slim Lite 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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