Vision Fleet Gateway

PROFESSIONAL 4G TELEMATICS GATEWAY FOR HGVS · EMEA VERSION

PART No. SL-0014-TT

Our most capable vehicle unit, built for complex HGV and specialist installs. The Vision Fleet Gateway reads FMS/J1939 and J1708 data and connects fuel probes, RFID readers and other serial devices over RS232 and RS485 — with dual-band GNSS and external antennas for maximum sensitivity.

- **4 inputs, 4 outputs & 4 analogue**
- **Dual CAN J1939 (FMS) plus J1708 and K-Line**
- **2 × RS232 and 1 × RS485 for serial devices**
- **Dual-band L1 + L5 GNSS with external antennas**
- **Bluetooth 5.0 and backup battery**



EMEA version · supplied provisioned for the Vision platform

PRODUCT MARKINGS CE E

FMS / J1939 DUAL CAN + J1708	**1-Wire** DRIVER ID	**2 × RS232** + 1 × RS485	**L1 + L5** DUAL-BAND GNSS
4G LTE Cat 1 EXTERNAL ANTENNAS	**Bluetooth 5.0** SENSORS & BEACONS	**550 mAh** NI-MH BACKUP	**104 × 77 × 32 mm** 201 G

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
FMS, J1939 & J1708 Two J1939 CAN interfaces plus J1708 and switchable CAN terminators.	**Every number that matters** Fuel, mileage, engine hours and diagnostics straight from the truck.
RS232 & RS485 Connect fuel-level probes, RFID readers, displays and other serial devices.	**Built for specialist vehicles** One unit integrates the extra equipment your vehicles carry.
Dual-band GNSS & external antennas L1 + L5 GNSS with external GNSS and cellular antennas.	**Signal where others lose it** Reliable tracking in steel-bodied, shielded or remote vehicles.
4 inputs, 4 outputs & 4 analogue Four digital inputs, four open-collector outputs, four analogue inputs and 1-Wire.	**Control complex installs** Monitor PTO, doors and equipment and drive relays and alarms.
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 version — for mobile networks in Europe, the Middle East and Africa
Cellular	4G LTE Cat 1 with 2G (GSM/GPRS) fallback
LTE bands	B1, B3, B7, B8, B20, B28, B38, B40, B41
GNSS	Dual-band L1 + L5 GNSS receiver — up to –165 dBm sensitivity
SIM	Supplied with a provisioned data SIM on request
Antennas	External GNSS and cellular antennas

Vehicle interfaces

CAN	2 × CAN J1939 (FMS) with switchable terminators · J1708
Serial	2 × RS232 · 1 × RS485
Digital I/O	4 × digital inputs · 4 × open-collector outputs
Analogue inputs	4
1-Wire	iButton driver ID · temperature sensors
Bluetooth	Bluetooth 5.0
Sensors	Built-in accelerometer
Memory	16 MB internal flash

Power

Backup battery	Ni-MH rechargeable, 8.4 V 550 mAh
Consumption (12 V)	Nominal 45 mA · deep sleep 4 mA
Consumption (24 V)	Nominal 24 mA · deep sleep 2.9 mA

Technical specification (continued)

Physical & environmental

Dimensions	104.1 × 76.8 × 31.5 mm
Weight	201 g
Operating temperature	–40 °C to +85 °C (without 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-0015-TT	Vision Fleet Gateway — APAC & LATAM version
SL-0017-PT	Bluetooth temperature sensor (EN 12830)

On the Vision platform

Live tracking & history
Every vehicle on one map, with full journey replay.

Alerts & geofences
Speeding, idling, out-of-hours use and site entry/exit.

Reports
Mileage, utilisation, idling and driver behaviour.

One login
Vehicles, cameras and assets on the Vision platform.

Ready to put the Vision Fleet Gateway 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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