tracklogic **M400**

The M400 is our best seller telematics device. This product offers the most accurate data to our clients and is installed behind the vehicle dashboard.

Key Benefits

- Get accurate, real-time data from the vehicle's internal system and high-sensitivity GPS

- Trust a robust, tamperproof device mounted behind the vehicle dashboard

- Keep your vehicle safe using non-disruptive and in- trusion-proof patented CAN clip technology

- Co2 Reporting as standard

Light weight

Improves safety

Easy to assemble

Flexible, data-rich telematics

The M400 is a market-leading telematics device, delivering accurate vehicle intelligence. It is the perfect counterpart to the Connect fleet intelligence application, supporting all its functions.

The M400 reads metrics like speed, RPM, fuel consumption and odometer straight from the CAN bus.

It records singular events like harsh acceleration and braking, over revving and idling by combining CAN and GPS data.

The M400 comes with an optional in-cab coach on the vehicle dashboard to provide immediate feedback on harsh driving, speeding and idling.

Installation

We provide a professional installation service to guarantee device integrity and data quality. Installations are performed by our network of accredited engineers and validated by our deployment team.

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Vehicle data:

- Metrics: engine RPM, odometer, speed, fuel consumption, acceleration, ignition status

- State: driving, stopped, idling

- Driver behaviour: speeding, over-revving, harsh acceleration, braking and cornering

- Works with our online portal

Additional vehicle data (inputs):

- The M400 provides additional optional on/off and power take off (PTO) inputs for enhanced vehicle intelligence.
  Examples: winch, crane, tipper, bin lift usage and door state.

In-cab interface:

- Live alerts on driving behaviour

- Privacy button

- Driver identification (RFID badges)

Technical Specifications

Micorcomputer	Renesas SH7267 - 32 Bit - 144MHz 1.5MB 4 MB Citerion BGS2-E (Dual Band) MAX M8Q Mediatek 66-channel -165dBm tracking -148 dBm cold start
Accelerometer **Bluetooth**	3 axes, 16bits (2 to 16g) Low Energy CYBT - 353027-02 BLE4.2
Electrical **Power Supply** **Consumption**	12/24V DC Automotive Nominal:90mA @ +13.5v DC Peak: 1A @ +13.5v DC Sleep 6 mA @ +13.5v DC Deep Sleep <1mA @ +13.5v DC
Mechanical **Dimensions** **Weight**	120 x 95 x 20 mm 140g
Environment	
Operating temperature **Storage temperature** **Humidity** **Resistance to water/dust**	-40 °C to +85°C -40 °C to +85°C up to 93% IP40
Safety and Standards	
European Directive **International Directive** **Environmental respect** **ATEX** **Flammability**	CE, e-Mark E-Mark (e-Mark+ ECE R10) RoHS II 3G T5 UK94 V0