



data downloaded data delivered

Tech Sheet

digiDL^{EX}

Remote Download for Digital Tachographs

Download tachograph data from your vehicles over WiFi, GPRS or LAN

Key Features

- Download any EU Digital Tachograph which supports CAN-Bus remote download.
- Remote authentication of Company Card
- Centralised and scheduled download control
- CAN2 or K-Line download options
- All data sent to user nominated server
- Remote firmware updates



The Ultimate Combo

The digiDL-EX is a single unit that combines the activities of telematics, GPS and remote download. It expands on the capabilities of our digiDL model and allows you to reduce costs and merge data to one single portal.

The digiDL-EX provides numerous data capture options and with it a great offering of possibilities to keep you informed and in control as you utilise it to make data-driven decisions.

Connectivity

FMS: for monitoring of a range of vehicle standardised CAN-Bus messages to calculate things like fuel consumption and assess driving styles.

D8: provides tachograph mode data specifically when the vehicle's ignition is off.

GPS: provides satellite position for vehicle tracking.

Inputs: a range of configurable digital and analogue inputs for use with things like door sensors, weight and temperature.

K-Line: for use with tachographs that support remote download but do not have a rear CAN-Bus connection.

Bluetooth: for proprietary connection with smartphones, PC or tablet.



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digiDL-EX Connections defined

- Bluetooth module for third party products, messaging or Driver Decision Support (DDS).
- CAN-Bus channel for use with standard or proprietary CAN feeds. Jumpers for Power IN/OUT.
- D8 connects to D8 pin of Tachograph as a backup to Tachograph mode -data.
- GPS connection for Tachosys GPS Module. High Performance GPS Single Chip GPS DSP with integrated real time clock(RTC) ARM7EJ-S CPU.
- Inputs: 6 inputs plus I²C. All configurable locally and remotely.
- K-Line: remote download of the Tachograph via the front port where CAN2 is not present.
- GSM - GPRS - 3G Antenna SMA socket.
- SIM Slot for standard size SIM card.
- USB connection for PC Based configuration.
- Auxiliary socket for RS232 connectivity. Supports optional Driver Card download button.
- 12/24 Volt Power for digiDL-EX. Also CAN-Bus connection to Tachograph's CAN2 interface.

digiDL-EX Characteristics

Temperature Range: -40 to +85 degrees centigrade

ISO / SAE Protocols: 16844-6, 16844-7, J1939, 15765-2, 15765-3, 14230-2, 14230-3

Voltages / Current Draw: 9-36 Volt DC - 250mA @ 12V - 120mA at 24V (typical) - 20mA (sleep)

Accelerometer: 3 Axis; 2g,4g,8g,16g

Real Time Clock: Time taken from Tachograph or server (optional).

LED Indicators: 8 LEDs for status and support

Casing: ABS Plastic (high temperature) H: 45mm W: 110mm D: 120mm



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