



data downloaded data delivered

Tech Sheet

digiDL^E

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

Remote Download with GPS Tracking

The digiDL-E is a single unit that combines the activities of GPS tracking and remote download. It expands on the capabilities of our digiDL model and allows you to reduce costs of separate products and platforms to merge the data through one single portal.

The digiDL-E provides reliable GPS tracking alongside our acclaimed remote download solution. This gives you the data you need to stay informed and in control as you utilise it to make data-driven decisions.

Connectivity

CAN-C: for remote download and collection of both DDS (Driver Decision Support - Stoneridge) and Counter (VDO).

GPS: provision of satellite positioning for use in 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.



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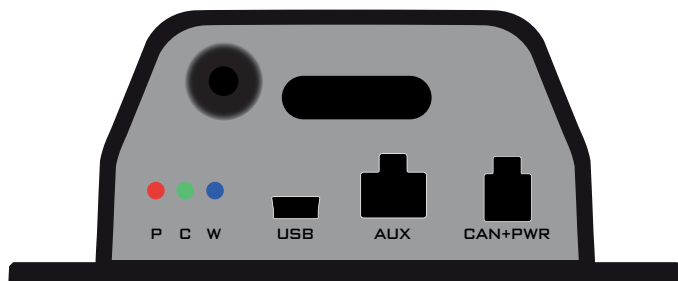


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digiDL-E Connections defined

- GPS connection for GPS Module. MAX-7 series; performance of the u-blox 7 GNSS (GPS, GLONASS, QZSS and SBAS) engine. GNSS chips qualified according to AEC-Q100 and meeting ISO16750 standard.
- 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.
- CAN-Bus connection to Tachograph's CAN-C interface.
- 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-E.

digiDL-E 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: 5 LEDs for status and support

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



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digiDL

Remote Downloads for Digital Tachographs



Feature	digiDL-B	digiDL-BT	digiDL-4G	digiDL-WIFI	digiDL-LAN	digiDL-E	digiDL-Ex
Remote Download	X	X	X	X	X	X	X
Driver Card Download Button (option)	X*	X*	X*	X*	X*	X*	X*
2G Only (non-upgradable communications)	X	X					
GPS Tracking		X				X*	X*
Real-time tacho mode data			X	X	X	X	X
Real-time Driving Data (Stoneridge DDS/VDO Counter)			X	X	X	X	X
Modular Communications 2G+3G+4G(from mid-2021)			X			X	X
Modular Communications WIFI				X			
Modular Communications LAN					X		
Front K-Line Port Remote Download						X*	X*
Switch Sensor inputs (4)						X*	X*
Analogue Sensor inputs (2)						X*	X*
D8 Data input							X*
Bluetooth 2.1							X
Secondary CAN for FMS/J1939 Data Collection							X*

*Additional cables required



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