



data downloaded data delivered

digiDL

Remote Downloads for Digital Tachographs

Tech Sheet



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
- All data sent to user nominated server Remote
- firmware updates

Automated Tachograph Downloads

digiDL completely automates driver card and vehicle unit downloads and also supports both Driver Decision Support (from Stoneridge) and Counter (VDO). These technologies allow operators to see the status of each driver in relation to drivers' hours law in real time.

The **digiDL** is approved by all leading tachograph analysis providers so that data can pass directly to your online account for complete automation of the data collection process.

When installed in your vehicle(s) you can decide on your download schedule and where your data goes in the knowledge that everything is end to end encrypted and GDPR compliant.

Tachosys have a range of options; GPRS (4G), WI-Fi and LAN. GPRS offers flexibility as the vehicle can transfer data from any location in Europe subject to a SIM contract. The WI-FI can be configured for multiple sites and the LAN used with existing in-vehicle solutions.

Company Card Authentication

The **digiDL** makes a connection with the **digicentral** server in order to check for remote company card authentication. Company cards need to be hosted online in order for remote download to work. Once the **digiDL** has confirmed that the company card is authenticated, it is then able to download the data from the tachograph. This process is complete within a matter of seconds.



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Tel: +44 (0)20 8687 3900
Email: info@tachosys.com
Website: www.tachosys.com

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Simple setup and Firmware updates

The **digiDL** can be connected to a PC for initial installation and will subsequently support remote firmware updates and configuration. When used with our enhanced tachograph cable (ETC), the installation itself is relatively simple and timely.

Technical Features

- Download any EU Digital Tachograph which supports CAN-Bus remote download.
- Remote authentication of company card
- Centralised and scheduled download control
- All data sent to user nominated server
- Remote firmware updates
- 12/24V DC
- In-line wiring harness
- 3 LEDs; activity, CAN-Bus, connectivity.

Secure and reliable data exchange

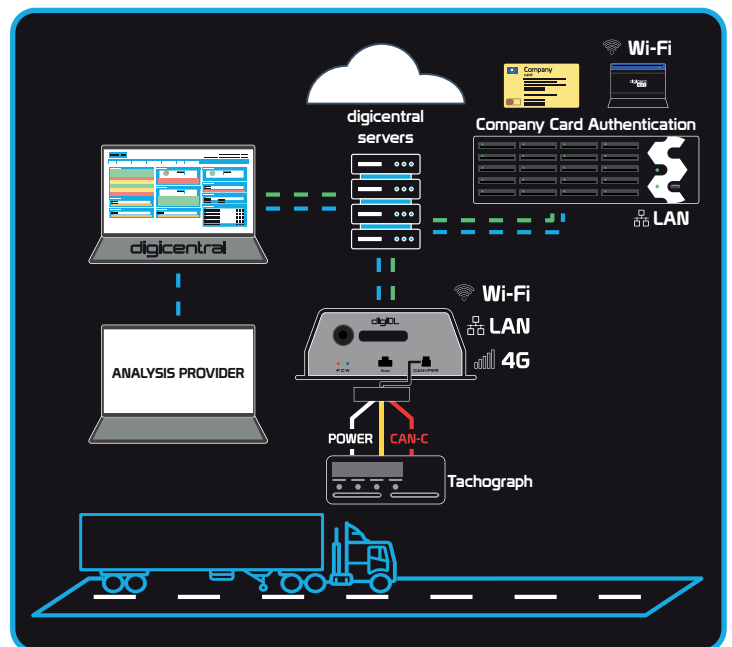
All data exchange is encrypted. Hardware connections are subjected to a challenge response. Proprietary packet send and receive.

WiFi Specification

- IEEE802.11b/g, 2.412-2.484 GHz (Infrastructure)
- WEP64/ WEP128/ TKIP/ CCMP(AES)
- WEP/ WPA-PSK/ WPA2-PSK

LAN Specification

- Ethernet IEEE 802.3
- 10base-T
- DHCP or Fixed IP
- RJ45 Socket



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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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