

DigiDL-E performs remote download and GPS Tracking

Tachosys have created a single unit to merge the activities of Remote Download, GPS tracking and additional sensors. We include all the essentials without unnecessary fuss. The system shows the mode of the driver and how much driving time is available, essential information for planners. You can also keep an eye on speeding and aggressive driving behaviour (based on GPS), all on a timeline and integrated map*.

Summary of connectivity

- CAN-C: for remote download and collection of both DDS (Driver Decision Support, Stoneridge) and Counter (from VDO).
- GPS: provision of satellite positioning for use in vehicle tracking.
- Inputs: a range of configurable digital and analogue inputs for use with things such as door sensors, temperature, weight etc.
- K-Line: for use with Tachographs that support remote download but do not have a rear CAN-Bus connection.

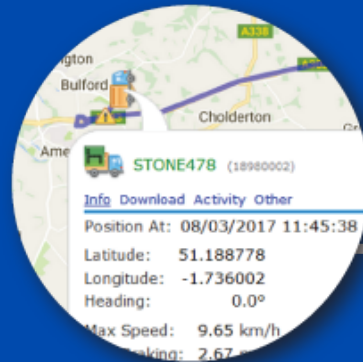
Remote Tachograph Download

digiDL-E will remotely download all compliant EU Tachograph (broadly 2010 onwards).

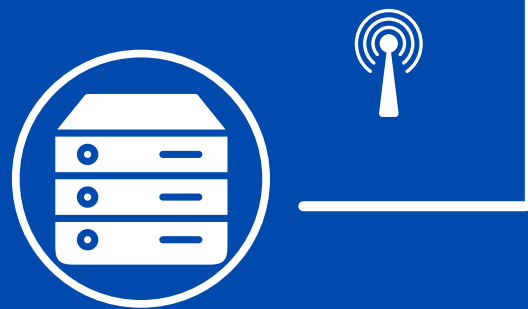
Tachosys provide all of the back end systems to support Remote Download;

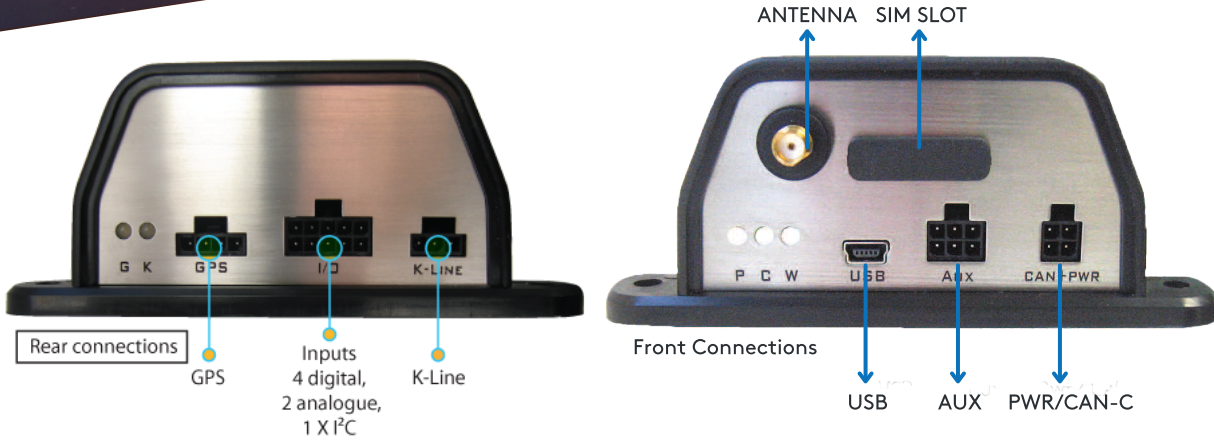
- . Works to defined schedule
- . Company card in office, in USB card reader
- . Data direct to any online data provider
- . Secure data transfer
- . Driver Card downloaded independently
- . CAN-C or K-Line download options

A revolutionary new unit that meets the needs of modern transport



digiDL-E centralises Digital Tachograph Downloads, GPS and Sensor data. Can work with your existing Tachograph analysis provision.





DigiDL - Ex Connections defined

1. 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.
2. Inputs: 6 inputs plus I2C. All configurable locally and remotely.
3. K-Line: remote download of the Tachograph via the front port where CAN2 is not present.
4. GSM - GPRS - 3G Antenna SMA socket.
5. SIM Slot for standard size SIM card.
6. USB connection for PC Based configuration.
7. Auxiliary socket for RS232 connectivity. Supports optional Driver Card download button. 12/24 Volt Power for digiDL-E. Also CAN-Bus connection to Tachograph's CAN-C 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 26V (typical) - 20mA
Accelerometer:	(sleep) 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

To fit the DigiDL and make your fleet more efficient, please contact;

INFO@EUROTACHOGRAHSOLUTIONS.IE
051 - 348331

Vibration: Shock: IEC 68-2-64, 68-2-6 IEC
Bump: 68-27-2
Safety: IEC 68-2-29
RF: EN 60950
EMC: EN 301 511
EN 301 489-7, 55022, 55024