digiDL H+HX

Remote Download for Digital Tachographs

Key Features

- Remote download of digital tachograph data
- Creates a local 'Hub' network for more data input
- Configurable FMS, GPS tracking (HX only)
- Fully encrypted data sent to nominated server
- Remote authentication with company card
- Centralised scheduling of downloads
- Automatic OTA firmware updates

Remote Download secure for the future

The digiDL-H and digiDL-HX are the latest developments to the tachograph remote download solution.

There has been a number of internal improvements to provide a more efficient and reliable connection over Wi-Fi, 4G and Bluetooth, 20x faster processing and improved data encryption.

digiDL H

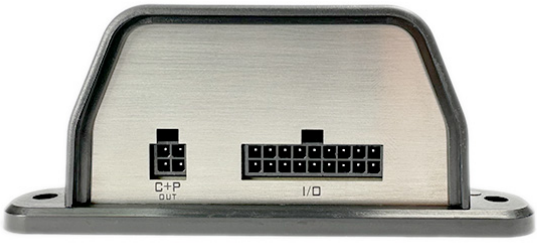
H stands for Hub

The 'H' stands for 'hub' which is what has been created; a device that continues to completely automate driver card and vehicle unit download, while also generating its own secure local network to collect data from additional devices and sensors around the vehicle.

digiDL HX

The concept

There is a list of add-on devices for all of your in-vehicle data communications. These include: bluetooth tags, RFID readers, in-cab displays, cameras and wireless buttons as well as third-party hardware too.



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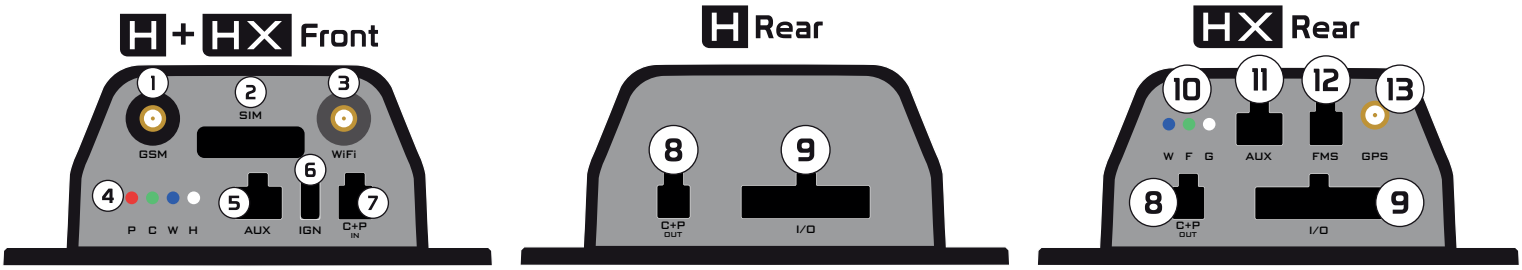

digiDL-H Connections defined

H HX+

1. SMA socket for GSM/4G antenna
2. SIM slot for standard size SIM card
3. SMA socket for WiFi antenna
4. Red: Power | Green: Tachograph CAN Bus | Blue: WAN server connection | White: Hub activity
5. Auxiliary socket for RS232 connectivity. Supports optional Driver Card download button
6. Ignition input
7. 12/24 Volt Power for digiDL-H/HX. Also CAN-Bus connection to Tachograph's CAN2 interface
8. Power and CAN Through for additional modules
9. I/O connector: all configurable locally and remotely
   Inputs: 4 low going <0.5v, 1 high sense ≥12v, 1 IGN in/through, 2 analogue inputs for 12-36v measurements Outputs: 2 High going at vehicle supply voltage up to 1A
   Power outputs: Vehicle supply through, 5v at 200ma, 3.3v at 50ma

HX ONLY

10. Blue: WAN server connection | Green: Additional CAN/FMS | White: GPS
11. Auxiliary socket for RS232 connectivity
12. CAN-Bus channel for use with standard FMS or proprietary CAN feeds
13. SMA socket for optional external GPS antenna

digiDL-H 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)

Real Time Clock: Time taken from tachograph or server, backed up by a battery backed internal real-time clock.

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

LED's: 4 (7) LEDs for status and support