



Analysis and Motor Protection



Analyze the operation and protect
your engine automatically.

didcom[®]
Connecting Innovations





What does it solve?

Device that interprets and records in real time the different parameters that are available in the CAN communication network to know driving habits, also prevents considerable damage to the engine autonomously, protecting it from operating conditions out of range and acting at the moment.

Features

- + Non-intrusive CANbus connection
- + Compatible with J1939 protocol
- + Compatible with proprietary CAN protocols - Mercedes Benz, MAN, VW
- + Integrated to GPS
- + RS-232 serial interface
- + Auxiliary CANbus output (connection to COLLARIN PROTECTION module).
- + Motor protection configurable via remote. (High engine temperatures, low coolant level, low oil pressure).
- + Alerts of motor parameter indicators out of range
- + Digital outputs of positive and negative power (actuators motor protection, or other use as required).
- + Protection event control via reset BUTTON
- + Notifications of local motor protection, LED light AND BUZZER



Benefits:

- Convert simple logbooks into statistics.
- Detects trends and projections for decision making.
- Analyze patterns in the operation to anticipate any eventuality.
- Identify engine trouble codes and problems.
- Check engine fault codes.
- Saves time and inspection costs.
- Extends engine life.
- Avoid lost time due to damage to the unit.

Didcom Can Logger Guard

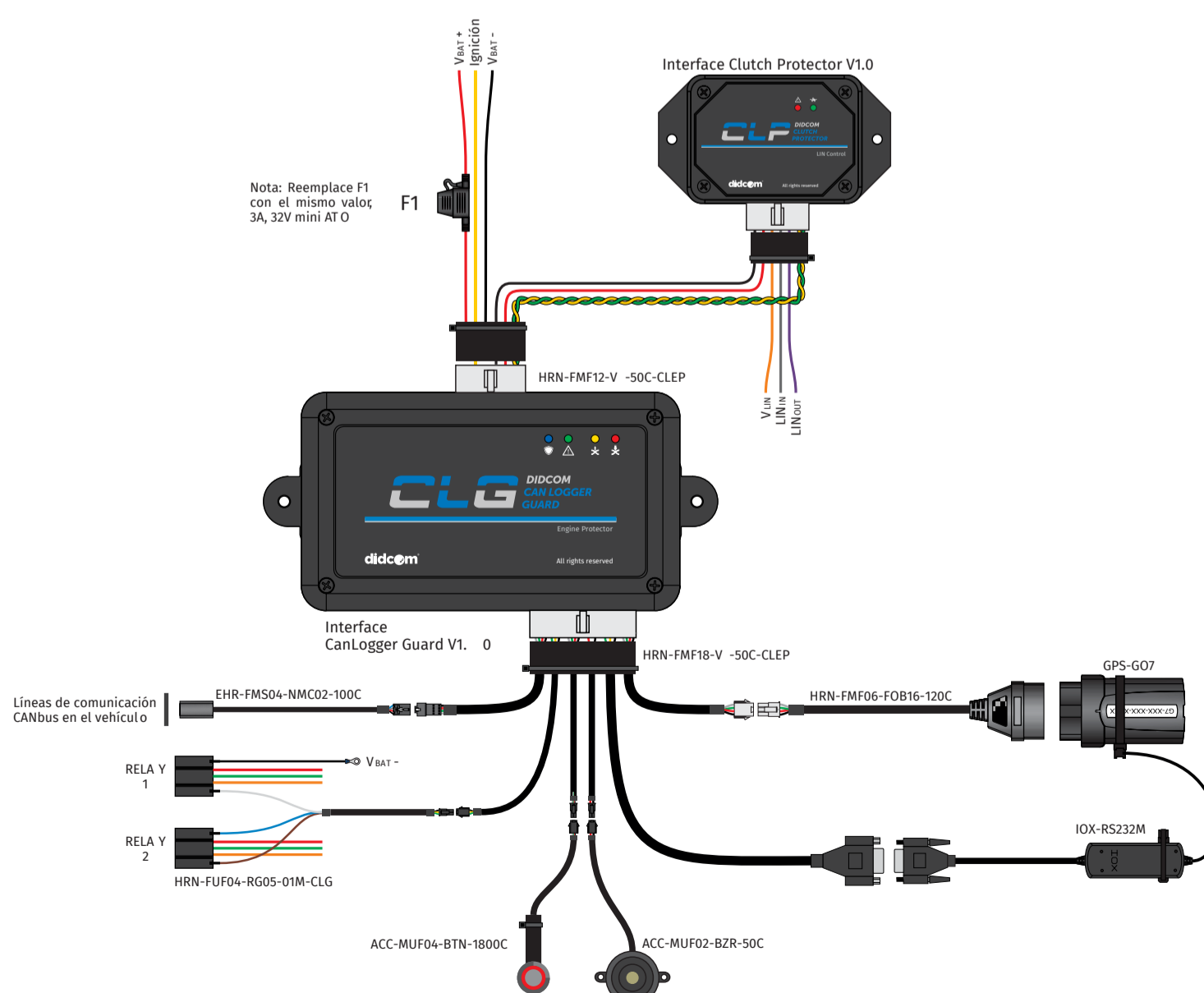
DIDCOM, offers a unique technological solution oriented to heavy motor transport, with which the different parameters that are available in the CAN communication network are interpreted and recorded in real time, which allows to know the driving habits and motor behavior, to A very detailed level.

The power of information undoubtedly gives a great competitive advantage, so it is very important to have a detailed operation analysis that allows to know in different time ranges, from minutes, hours and days, the point-by-point behavior of the Different registered parameters.

- 1 - The CLG module connects to the motor data network and obtains all the parameters available for analysis.
- 2 - The information is processed to determine the engine status and act if necessary to protect the engine.
- 3 - The different engine parameters and alerts are recorded, and are associated with time, GPS location and Vehicle.
- 4 - The information is sent in real time to the servers **didcom®**
- 5 - The end customer can view the information and reports online.

Connection Diagram

Didcom CanLogger Guard® V1.0 & Didcom Clutch Protector V1.0





Analysis and Engine Protection

Standardize the operation and prolong the life of the engine.

Engine Protection

- High Engine Temperature
- Low Oil Pressure
- Low Coolant Level
- Idling time



Idle Time



RPM Decrease

- Remotely send command to slow down and turn off the unit

Another benefits:

Add and configure remotely more additional engine parameters to the current ones



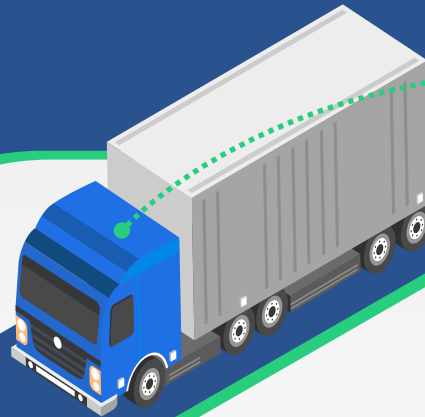
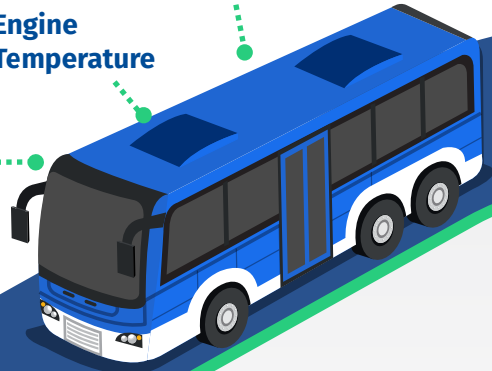
Engine Temperature



Coolant level



Oil pressure



Remote configuration

Location



Real time location.



Basic



- VIN
- Fault Codes

Status



- Odometer
- Fuel Used
- Engine Hours
- Fuel Economy

Driving



- Speed Kmh
- RPM
- Torque
- Actual Gear

Fuel



- Fuel Used
- Fuel level
- Adblue level
- Average Fuel

Engine



- Coolant Temp
- Coolant Lev
- Oil Temp
- Oil Press

Electric system



- Battery Voltage
- Cranck Voltage



www.didcom.com.mx

 /DidcomMx

 @Didcom_Mx

 @DidcomMx

 /Didcom