

Data Loggers of the GL Families

The GL Logger Families for Various Automotive Logging Solutions

What are the GL Logger Families?

The loggers of the GL1000/GL2000/GL3000/GL4000/GL5000 families are special mobile data recorders for in-vehicle use on test drives or for test benches. Wherever logging of measurement values from networked systems is required, you will be provided with the data loggers for the network systems CAN/CAN FD, LIN, FlexRay and MOST150. Beside network communication you can store in addition internal ECU parameters via CCP/XCP and diagnostics as well as measured values of digital a time-synchronous manner.

Overview of Advantages

- > Flexible loggers for test fleet operators and individual test tasks
- > Permanent use in vehicles due to low current consumption in sleep/standby mode
- > Robust loggers for summer and winter trials
- > Reliable loggers for long-term logging
- > Event-driven logging for reduction of logged data
- > Early quality assurance for future series production

Highlights of all GL Loggers

- > Stand-alone use for challenging logging tasks
- > Very short start-up time
- > Extensive filter and trigger conditions
- > Diagnostics on CAN, OBD II

- > CCP/XCP with Seed & Key
- > Compressed storage on SD/CF memory card or SSD hard disk with high capacity
- > Fast data upload and download
- > Flexible configuration with graphical configuration tool
- > Offline analysis in CANoe, CANalyzer, CANape and vSignalizer

GL1000 Family

- > Compact loggers for simultaneous recording of 2 CAN, 2 LIN channels plus 4 analog and 2 digital inputs
- > Sleep mode with very low current consumption
- > Storage on SD/SDHC memory card
- > GL1010 as IP65 variant

GL2000 Family

- > Robust loggers for simultaneous recording of 4 CAN, 2 LIN channels plus 4 analog and 4 digital inputs
- > GL2400 supports 4 CAN/CAN FD channels
- > Logging of first message from standby mode
- > Online classing for data reduction
- > Storage on SD/SDHC memory card
- > Data transfer from SD/SDHC card, via USB and 3G/UMTS
- > GL2010 as IP65 variant



The data loggers of the comprehensive GL Logger families. Not shown: GL2400 and GL5370.

GL3000 Family/GL4000 Family

- > Multibus loggers for simultaneous recording of 9 CAN, 2 LIN, 1 MOST150 channels plus 14 analog and 8 digital inputs
- > GL4000 family additionally supports 2 FlexRay channels
- > Logging of first message from standby mode
- > Online classing for data reduction
- > Storage on CF card or SSD hard disk
- > Fast data transfer directly from CF card, via SSD, USB, Ethernet, Wi-Fi and cellular radio

GL5000 Family

- > Multibus loggers for simultaneous recording up to 24 CAN, 6 LIN, 2 FlexRay channels and 1 MOST150 channel plus 14 analog and 4 digital inputs
- > GL5350: 20 CAN channels, thereof 4 CAN FD channels
- > GL5370: 24 CAN channels, thereof 12 CAN FD channels
- > Online classing for data reduction
- > Storage on SSD hard disk
- > Fast data transfer via via SSD, USB, Ethernet, Wi-Fi and cellular radio
- > Powerful hardware for complex logging tasks

Extensive Accessories

A wide range of accessories are available for recording the vehicle position via GPS, comments in audio format, as well as color images for the graphical documentation of the environment. For an overview, please refer to the "GL Logger Accessories" Fact Sheet.

More information: www.vector.com/gl

