What are the GL Logger Families?
The data loggers of the GL1000/GL2000/GL3000/GL4000/GL5000 families are special mobile data loggers for in-vehicle use on test drives or for test benches. Whenever 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 and FlexRay. Beside network communication you can store in addition internal ECU parameters via CCP/XCP and diagnostics as well as measured values of digital time-synchronous manner.

Overview of Advantages
- Flexible data 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

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 cellular radio
- GL2010 as IP65 variant

The suitable data logger for every application
### GL3000 Family/GL4000 Family
- Multibus loggers for simultaneous recording of 9 CAN and 2 LIN 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
- 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 and 2 FlexRay channels 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
- 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](http://www.vector.com/gl)

---

### Technical features of the GL Logger families

<table>
<thead>
<tr>
<th>PC/Notebook</th>
<th>PC/Notebook/Server</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USB</strong></td>
<td><strong>USB LTE</strong></td>
</tr>
<tr>
<td>SD/SDHC card</td>
<td>SD/SDHC card</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Family</th>
<th>USB</th>
<th>USB LTE</th>
<th>USB Ethernet</th>
<th>Wi-Fi LTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL1000 Family</td>
<td>2 digital I/O</td>
<td>4 digital I/O</td>
<td>8 digital inputs</td>
<td>4 digital inputs</td>
</tr>
<tr>
<td>GL2000 Family</td>
<td>2 digital I/O</td>
<td>4 digital I/O</td>
<td>8 digital outputs</td>
<td>4 digital inputs</td>
</tr>
<tr>
<td>GL3000 Family</td>
<td>2 digital I/O</td>
<td>4 digital I/O</td>
<td>14 analog inputs</td>
<td>14 analog inputs</td>
</tr>
<tr>
<td>GL4000 Family</td>
<td>2 digital I/O</td>
<td>4 digital I/O</td>
<td>14 analog inputs</td>
<td>14 analog inputs</td>
</tr>
<tr>
<td>GL5000 Family</td>
<td>2 digital I/O</td>
<td>4 digital I/O</td>
<td>14 analog inputs</td>
<td>14 analog inputs</td>
</tr>
</tbody>
</table>

*GL2400, GL5350: 4 CAN FD, GL5370: 12 CAN FD*