

GL2400/GL2410



The CAN FD Models of the GL2000 Series

The GL2400 series encompasses all the benefits of the GL2000 series and additionally supports CAN FD with SIC transceiver. This allows it to record signals from the CAN FD bus system and supports both the ISO and Non-ISO (Bosch) standards.

Thanks to its compact and robust design, the GL2400 and GL2410 can be securely and discreetly mounted almost anywhere in the vehicle. The included software packages are compatible with the entire G.i.N. data logger family and offer powerful LTL functionality for filtering, triggering, and real-time data processing.

The GL2410 is the IP65-protected variant, making it suitable for use in harsh environmental conditions.

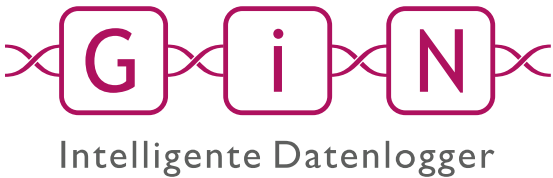
- › Supports ISO & Non-ISO (Bosch) standard
- › Sending any, freely configurable messages
- › Selective recording (extensive trigger and filter conditions)
- › Full trace recording
- › CCP/XCP on CAN, XCP on CAN FD
- › GPS receiver via serial or via CAN
- › Fast readout of the data
- › Data transmission via USB/LAN and mobile radio

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GL2400/GL2410

Technical Specifications



Interfaces	
CAN	4 CAN FD via GLT baby boards with TJA1043TK or TJA1463ATK 1 AUX-CAN with TJA1042
LIN	2 (TJA1021)
RS-232	2 (1 freely programmable, 1 GPS recording)
Digital I/O	4 Digital In 4 Digital Out
Analog Inputs	4 (0 V ... 18 V, 10 Bit)
USB	1 (type B, USB 2.0)
Ethernet	1 (10/100 Mbit/s)
AUX	1 (to connect optional accessories such as LOGview or hand trigger)
EVENT	1 (to connect the event switch E2T2L)
Storage Medium	1 Slot for SD/SDHC card (GL2410: sealed, no external slot)

Technical Data	
Operating Voltage	+6 V ... + 30 V
Power Consumption at 12 V	Typ. 2 W
Current Consumption:	
• in sleep mode with 4 CAN	Typ. < 1 mA
• in operation mode	at U _{Bat} = 6 V and 4 x CAN: typ. 342 mA U _{Bat} = 12 V and 4 x CAN: typ. 182 mA U _{Bat} = 12 V and 3 x CAN: typ. 177 mA U _{Bat} = 12 V and 2 x CAN: typ. 172 mA
Operating Temperature Range:	
• GL2400:	-40 ... +80°C
• GL2410:	-20 ... +80°C

Housing	
Material	Extruded Sheath: Al Mg Si 0.5 power-coated Die-cast Cover: GD Al Si 12 powder-coated
Dimensions (LxWxH)	175 x 137 x 35 mm
Weight	GL2400: ~ 580 g GL2410: ~ 630 g

