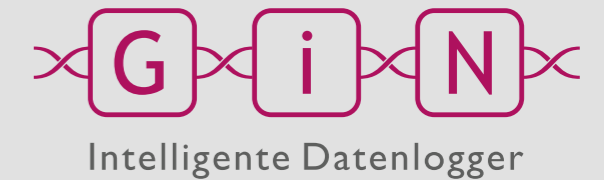


GL2000/GL2010



The Rugged Specialist

The GL2000 series, with its 4 CAN and 2 LIN buses, closes the gap between the GL1000 series and the G.i.N. high-end data logger. Because of its compact and robust design, the GL2000 and GL2010 are still able to be built into the vehicle in a safe and unobtrusive manner.

The provided software package is compatible with the complete G.i.N. data logger family and offers the mighty LTL functionality regarding filtering, triggering and real time data processing.

The GL2000 and its IP-65 protected sibling GL2010 are predestined for use in harsh environment.

- › CCP/XCP on CAN
- › Sending any, freely configurable messages
- › Selective recording (extensive trigger and filter conditions)
- › Full trace recording
- › High storage capacity with easily exchangeable SD card
- › Fast readout of the data
- › Data transmission via USB/LAN and mobile radio
- › GPS receiver via serial or via CAN

[Discover our products online!](#)

GL2000/GL2010

Technical Specifications



Interfaces		Technical Data		Housing	
CAN	5 (2 TJA1043, 2 via baby boards, 1 AUX-CAN with TJA1042)	Operating Voltage	+6 V ... + 30 V	Material	Extruded Sheath: Al Mg Si 0.5 power-coated
LIN	2 (TJA1021)	Power Consumption	Typ. 2 W at 12 V (without sending on CAN)		Die-cast Cover: GD Al Si 12 powder-coated
RS-232	2 (1 freely programmable, 1 GPS recording)	Current Consumption:		Dimensions (LxWxH)	175 x 137 x 35 mm
Digital I/O	4 Digital In 4 Digital Out	• in sleep mode with 4 CAN	Typ. < 1 mA	Weight	~ 580 g
Analog Inputs	4 (0 V ... 18 V, 10 Bit)	• in half-sleep mode	at $U_{Bat} = 6 V$ and 4 x CAN: typ. 110 mA $U_{Bat} = 12V$ and 4 x CAN: typ. 60 mA $U_{Bat} = 12V$ and 3 x CAN: typ. 55 mA $U_{Bat} = 12V$ and 2 x CAN: typ. 50 mA $U_{Bat} = 30V$ and 4 x CAN: typ. 30 mA		
USB	1 (type B, USB 2.0)	• in operation mode with SD card	at $U_{Bat} = 6 V$ and 4 x CAN: typ. 300 m $U_{Bat} = 12 V$ and 4 x CAN: typ. 170 mA $U_{Bat} = 12 V$ and 3 x CAN: typ. 160 mA		
Ethernet	1 (10/100 Mbit/s)	Operating Temperature Range:	-40 °C ... + 80 °C		
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				

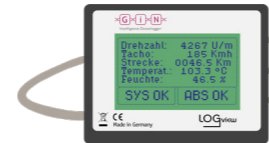
GL2000/GL2010

Connectivity



CANgps
GPS receiver on CAN
GPS Receiver serial

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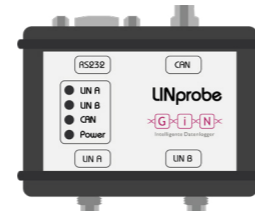
LOGview
External display

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LTE Router
Mobile data transfer

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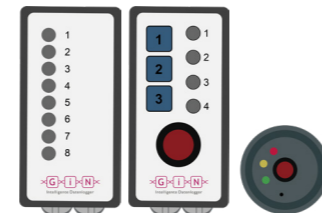
LINprobe
2 x LIN

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CASM2T3L
Audio recording and
triggering

Page 60



**CA8DL/CA4T4DL/
CAS1T3L**
Triggering/monitoring and
signaling

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