G i N
Intelligente Datenlogger

The data logger GL2400 encompasses all the benefits of the GL2000 series, in addition to supporting CAN FD.

This means that it can record signals of the CAN FD bus system. It supports both the ISO and non-ISO (Bosch) standard.

Because of its compact and robust design, the GL2400 can be installed into any vehicle in a safe and unobtrusive manner. The provided software package is compatible with the complete G.i.N. datalogger family and offers the mighty LTL functionality regarding filtering, triggering and real time data processing.

Up to 4

CAN FD

Supports ISO & non-ISO (Bosch) standard

Full trace recording of all bus inputs

CCP/XCP on CAN
XCP on CAN FD

Sending any, freely configurable messages

Selective recording (far reaching trigger and filter conditions programmable)

GPS receiver via serial interface

Classification

Storage medium SD/SDHC card

Mobile data transmission

Interfaces

CAN	5 (4 x CAN FD TJA1043TK via GLT baby boards, 1 x AUX CAN with TJA1042)
LIN	2 (TJA1021)
RS-232	2 (1 x freely programmable, 1 x GPS recording)
Digital I/O	4 x Digital In, 4 x Digital Out
Analog Inputs	4 (0 V ... 18 V, 10 Bit)
USB	1 (Typ B, USB 2.0)
Ethernet	1 (10/100 MBit/s)
UMTS	1 (optional)
AUX	1 (to connect optional accessories such as LOGview or hand switch)
EVENT	1 (to connect the event switch E2T2L)
Storage Medium	1 SD/SDHC slot

Technical Data

Operating voltage	+6 V ... +30 V
Power consumption (at 12 V):	typ. 2 W
Current consumption:	
• in sleep mode with 4 x CAN	typ. < 1 mA
• in operation mode	@UBAT = 6 V and 4 x CAN: typ. 342 mA @UBAT = 12 V and 4 x CAN: typ. 182 mA @UBAT = 12 V and 3 x CAN: typ. 177 mA @UBAT = 12 V and 2 x CAN: typ. 172 mA

Housing

Material	Extruded sheath: Al Mg Si 0,5 powder-coated Die casting cover: GD Al Si 12 powder-coated
Dimensions (LxWxH)	175 x 137 x 35 mm
Weight	~ 580 g

Optional add-ons and peripherals

Display	LOGview
GPS	CANgps
	serial GPS receiver
LIN interfaces	LINprobe
Mobile radio	Sierra Wireless® RV50X with GLA600
GLT baby boards	CAN transceiver (for insertion)
Trigger and monitoring	CA8DL, CA4T4DL
	CAS1T3L
Audio recording	CASM2T3L
	VoCAN