GL3400

- CCP/XCP on CAN, XCP on CAN FD, XCP on Ethernet
- Standalone tool for time-synchronous recording of the bus systems in modern vehicles
- Extensive configuration options
- Short start-up time and low power consumption
- Sleep mode with active wake-up
- Fast access to measurement data via various readout options
- Data transfer via LAN/WiFi, USB and mobile radio

The CAN FD Model of the GL3000 Series

The GL3400 data logger includes all the benefits of the GL3000 series and also supports CAN FD. In this way, signals from the bus system can also be recorded from up to 8 CAN FD channels. Both the ISO and non-ISO (Bosch) standards are supported. In addition, its processors and interfaces (compared to the predecessor models) offer more powerful and faster data processing.

In addition to LIN/CAN/CAN FD and Ethernet, data from digital and analogue inputs as well as CCP/XCP and diagnostic protocols can be stored time-synchronously. This allows individual test tasks for vehicle electronics and test drives to be carried out efficiently.

The GL3400 is also equipped with five Ethernet interfaces including an integrated switch and, in addition to TCP/UDP logging, offers Ethernet raw logging as well as the connection of up to 4 cameras and other GiN extension devices such as a GLX504 for further 4 CAN FD channels with SIC transceiver.

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G.i.N. GmbH | www.gin.de | sales@gin.de | Tel. +49 6155 8259 0

GL3400

Technical Specifications

Intelligente Datenlogger

Interfaces	
CAN/CAN FD	9 (8 x CAN FD TJA1043TK, 1 x AUX-CAN with TJA1042)
LIN	Up to 6
UART	2
RS-232	1
Digital I/O	4 Digital In, 4 Digital Out
Analog Inputs	4 (0 V … 32 V, 10 Bit)
USB	2 (USB 2.0)
Ethernet	5 (integrated switch)
WiFi	1 (optional using WiFi extension board)
AUX	2 (to connect optional accessories such as LOGview or hand trigger)
AUX+	2 (to connect and supply optional accessories such as GLX427 or GLX504)
EVENT	1 (to connect the event switch E2T2L)
Storage Medium	1 SSD slot

Technical Data	
Operating Voltage	+7 V … + 50 V
Power Consumption at 12 V	Typ. 10.3 W
Current Consumption at 12 V	
• **in sleep mode**	< 2 mA
• **in half sleep mode**	Typ. 180 mA
• **in operation mode**	Typ. 860 mA
Operating Temperature Range:	-40 °C … + 70 °C

Optional Internal Add-ons		Page
Internal Analog Inputs	A8I extension board built-in	64
WiFi	WiFi board built-in	68

Housing	
Material	Side Profile: Al Mg3 Cover: EN AW-6060 (Al Mg Si 0.5) T66 Trim Strip: ABS
Dimensions (LxWxH)	212 x 290 x 80 mm
Weight	~ 3500 g

GL3400

Connectivity

Intelligente Datenlogger

Mounting Plate

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GLA710

USV

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CASM2T3L

Audio recording and triggering

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CANgps

GPS receiver on CAN

GPS Receiver serial

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LTE Router

Mobile data transfer

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GLX427

12 CAN & up to 15 serial interfaces (LIN/RS-232)

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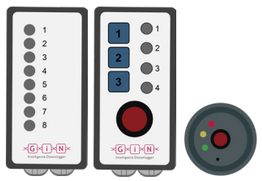

CA8DL/CA4T4DL/ CAS1T3L

Triggering/monitoring and signaling

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LOGview

External display

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GLX504

4 CAN FD interfaces with SIC transceiver

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LINprobe

2 x LIN

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