GL4000/GL4200



- > CCP/XCP on CAN, XCP on FlexRay, XCP on Ethernet
- > Sending any, freely configurable messages
- > Selective recording (extensive trigger and filter conditions)
- > Full trace recording
- > Control and regulation
- > Rest bus simulation
- > Remote data transmission
- **>** Classification
- **>** Gateway



Versatile in Many Applications

In line with the GL3000 series, the GL4000 (CF card) and GL4200 (SSD) offer access to the most important bus systems (CAN, LIN, K-Line, RS-232). Furthermore, the GL4000 series is additionally equipped with FlexRay and extended memory.

With the help of the GL4000 series, a multitude of applications concerning vehicle development, validation, endurance tests, quality control and service on the end customer, can be realized. Worldwide fleet tests are no problem with this range of functions; they can be easily installed and carried out.

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GL4000/GL4200

Technical Specifications



Interfaces	
CAN	9 (4 x TJA1043, 4 x via baby boards, 1 AUX-CAN with TJA1042)
LIN	2 (TJA1021)
K-Line	1
RS-232	2
FlexRay	2 (A and B)
Digital I/O	8 Digital In 8 Digital Out
Analog Inputs	4 (0 V 18 V, 10 Bit)
USB	3 (USB 2.0)
Ethernet	2 (1 Linux, 1 Logger)
WiFi	1 optional (using WiFi extension board)
AUX	2 (to connect optional accessories such as LOGview or hand trigger)
EVENT	1 (to connect the event switch E2T2L)
Storage Medium	1 CF card slot (GL4000) or SSD slot (GL4200)

Technical Data	
Operating Voltage	+6 V +36 V
Power Consumption at 12 V	
• GL4000 (CF card)	Typ. 8.5 W
• GL4200 (SSD)	Typ. 10 W
Current Consumption at 12 V	
• in sleep mode	1 mA
• in half sleep mode	Typ. 300 mA
• GL4000 in operation with CF card	Typ. 700 mA
 GL4200 in operation mode with SSD 	Typ. 800 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	66

Housing	
Material	Extruded Sheath: Al Mg Si 0.5 power-coated
	Die-cast Cover: GD Al Si 12 powder-coated
Dimensions (LxWxH)	235 x 213 x 78 mm
Weight	~ 1950 g

GL4000/GL4200

Connectivity





CANgps

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GPS receiver on CAN



LOGview

External display



GLX427

12 CAN & up to 15 serial interfaces

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LTE Router

Mobile data transfer

Audio recording and



LINprobe

2 x LIN

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CASM2T3L

triggering

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CA8DL/CA4T4DL/

Triggering/monitoring and signaling

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CAS1T3L



