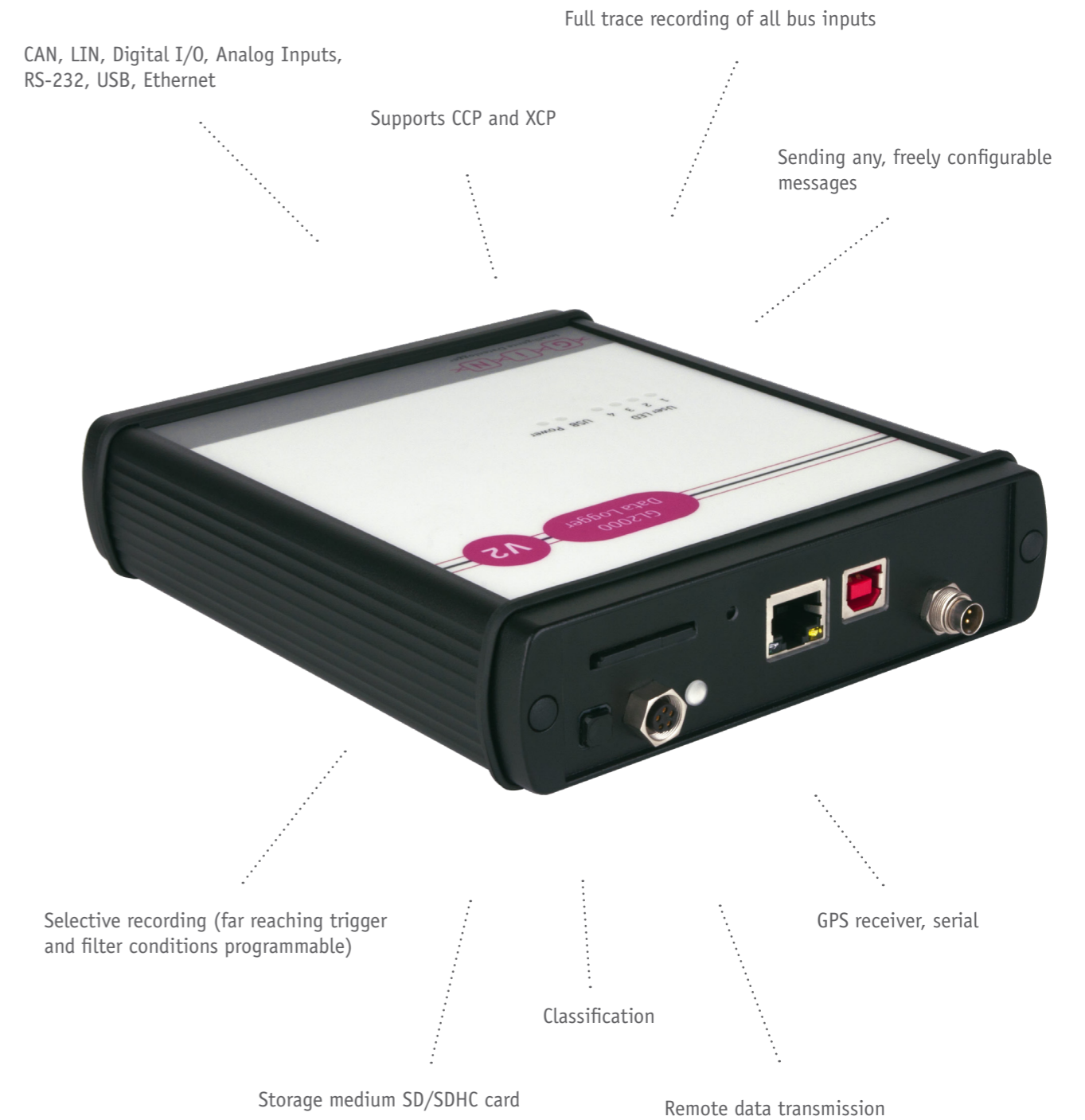


The GL2000 series, with its 4 CAN and 2 LIN buses, closes the gap between the GL1000 series and the G.i.N. high-end data logger.

Because of its still 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.



Interfaces	
CAN	4 (2 x TJA1043, 2 x via 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)
AUX	1 (to connect optional accessories such as LOGview or hand switch)
EVENT	1 (to connect the event switch E2T2L)
Storage Medium	1 slot for SD/SDHC card

Technical Data	
Operating voltage	+6 V ... +30 V
Power consumption:	typ. 2 W bei 12 V (without sending on CAN)
Current consumption:	
<ul style="list-style-type: none"> in sleep mode with 4 x CAN 	typ. < 1 mA
<ul style="list-style-type: none"> in half-sleep mode 	@UBAT = 6 V and 4 x CAN: typ. 110 mA @UBAT = 12V and 4 x CAN: typ. 60 mA @UBAT = 12V and 3 x CAN: typ. 55 mA @UBAT = 12V and 2 x CAN: typ. 50 mA @UBAT = 30V and 4 x CAN: typ. 30 mA
<ul style="list-style-type: none"> in operation mode with SD card 	@UBAT = 6 V and 4 x CAN: typ. 300 mA @UBAT = 12 V and 4 x CAN: typ. 170 mA @UBAT = 12 V and 3 x CAN: typ. 160 mA
Operating temperature range	-40 °C ... +80 °C

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
Baby Boards	CAN transceiver (for insertion)
Trigger and monitoring	CA8DL, CA4T4DL CAS1T3L
Audio recording	CASM2T3L VoCAN

