gps100PRO

GPS-System

100Hz Dual GPS-System

GPS, GLONASS, GALILEO

Systeminternal Triax-Accelerator (Option !)

Systeminternal Triax-Gyroskop (Option !)

3 analog output/8 analog output (Option !)

CAN-input, CAN-output, OBD2-interface

128 GByte (SDHC) triggered Ringbufferfunction

2 Digital-input, 2 Digital-output (Option !)

Integrated color display

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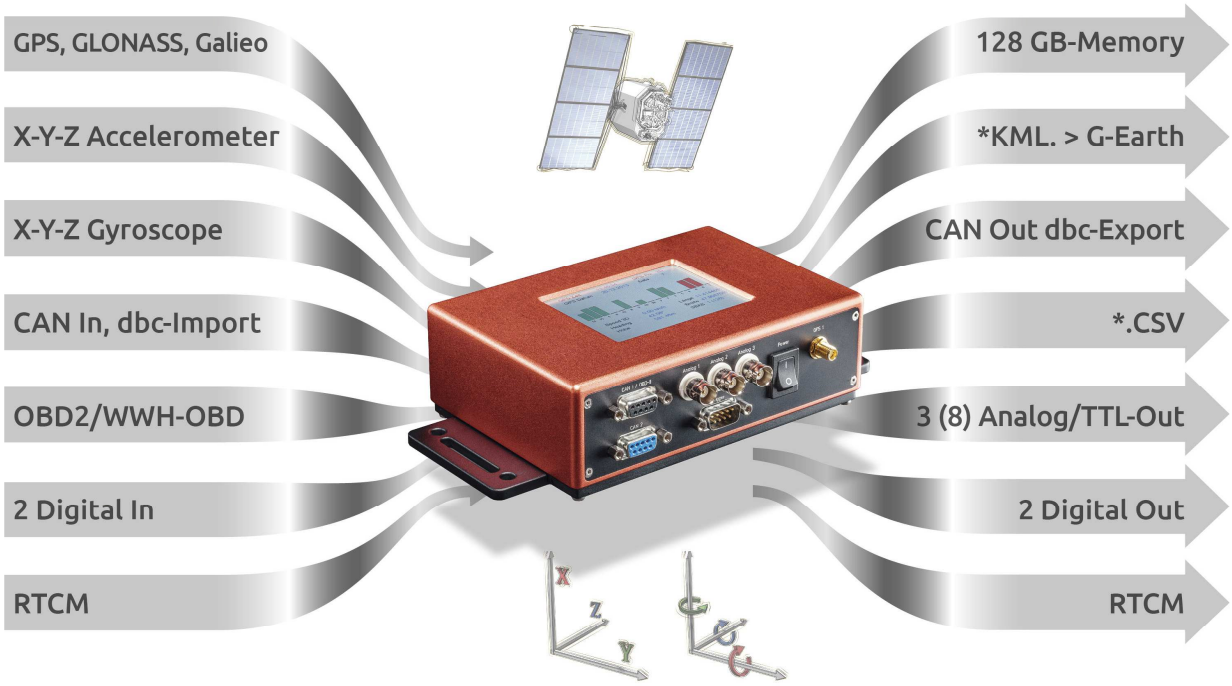

gps100PRO/L1

* 100 Hz-GPS-System for Automotive applications.
* CPU ARM7, 72MHz, 16MB RAM
* Anodized aluminum housing
* 128x64 Pixel color-display
* CAN1, galvanic isolated: CAN-output for GPS, Accelerometer, Gyro, OBD2
* CAN2, galvanic isolated: CAN-input (f.e. vehicle-CAN) or OBD2-input
* Triggered Ringbufferfunction, 128 GB SDHC
* Thresholdmonitoring for all signals included
* 2 Event-inputs (optical sensor, brakepedal, f.e.)
* 2 Trigger output, 12 volt / 500 mA
* Selectable CAN interface settings
* GPS-Fallbackmode to 10 Hz-GPS
* Settings programmed by USB download
* Voltagesupply +8 bis +32 Volt
* Including GPS-antenna / 5 meter
* Modular system structure

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Option „TRIAX-ACC/5G“, Systeminternal Triax-Accelerator

* Range X,Y,Z-axis +/- 5g, DC … 330 Hz. other ranges on request!
* automatic zero adjustment
* adjustment and alignment real-time viewed at the display
* low output noise (unfiltered) typ. 3 mg rms
* Linearity typ. 1% FSC (5g)
* Integrated lowpassfilter, upper cut-off frequency adjustable!

Option „TRIAX-GYRO“, Systeminternal Triax-Gyroskop

* Range X,Y,Z-axis ±75°/sec, ±150°/sec, ±300°/sec., DC ... 300 Hz
* Linearity. 1% FSC

Additional options / system extensions:

- „3 ANA-OUT“ 3 x BNC-socket, outputsignal individual selectable
- „8 ANA-OUT“ 8 x BNC-socket, outputsignal individual selectable
- „WWH-OBD2“ OBD2-Access to signals of vehicles diagnostic interface
- „2Dig in/2Dig out“ Additional digital in– an outputs
- „4 Ana In“ 4 analog inputs with auxiliary sample rate
- „MEM-SDHC“ Storage function
- „GPS GW“ Threshold monitoring function

Our recommendation !

Our multifunctional display ***VarioVIEW7*** (7“-Diagonale) can be used for a more comfortable display at the vehicles windscreen. The 7“ display can be mounted by suction cup fastening and will be connected directly via single CAN-line to the ***gps100PRO.***

All additional functions of the Display itself can be used!

Please ask for ***GPSPRO/VV7-SET*** !

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