

VarioVIEW7

Intelligent 7"-Touchdisplay

Intelligent Interaction driver / measurementsystem

Interface equipment as required

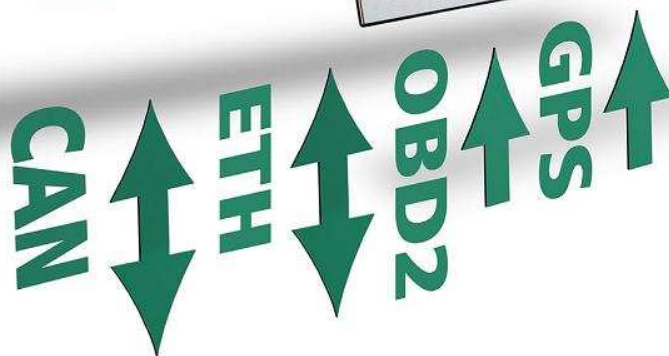
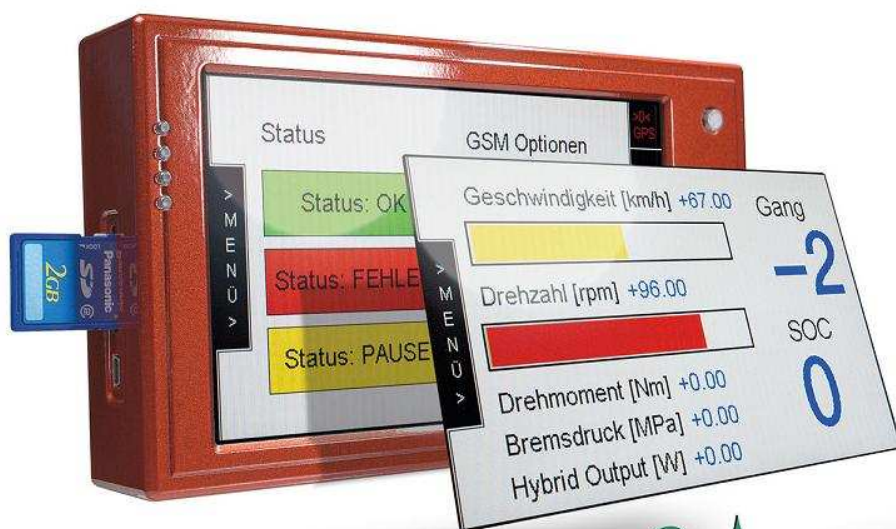
Online calculation of message contents including online display

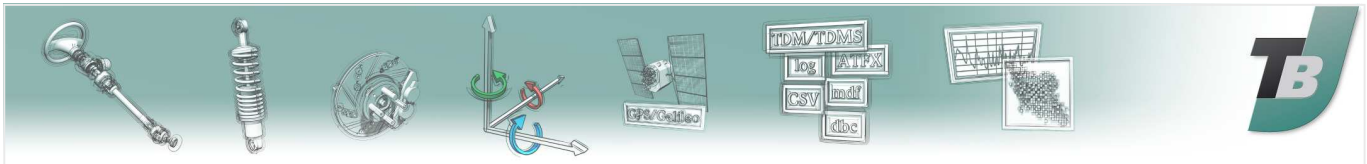
Graphicelements and free assignment of functions via PC-SW

Operation temperature -30°C up to 70°C. (!) (Option!)

Comprehensive system extensions/options:

4 CAN, OBD2, LIN2.x, ETH, GPS, GSM/GPRS, 32 GB SDHC-Memory





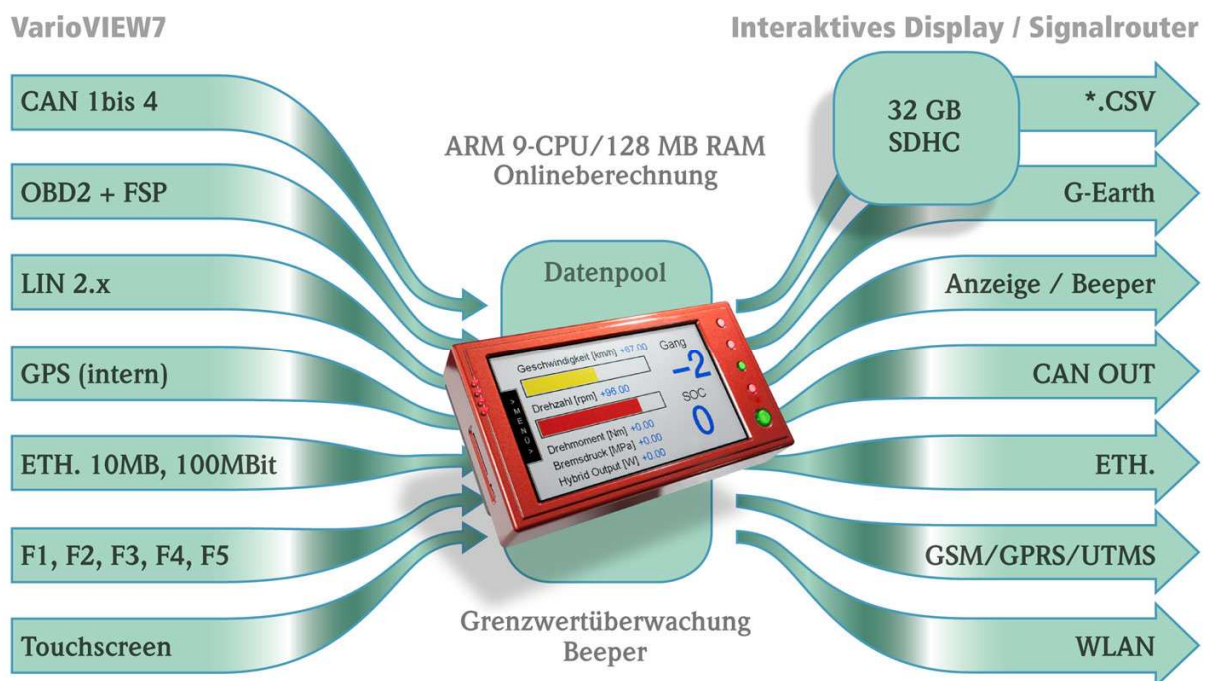
VarioVIEW7 with its functional design and suitability even for extreme operations in the summer and winter test has resulted from consultation with users of mobile automotive measurement technology. The interface equipment and instrument version can be composed individually. Particularly noteworthy is the operational temperature range from -30°C up to +70°C. (Option!)

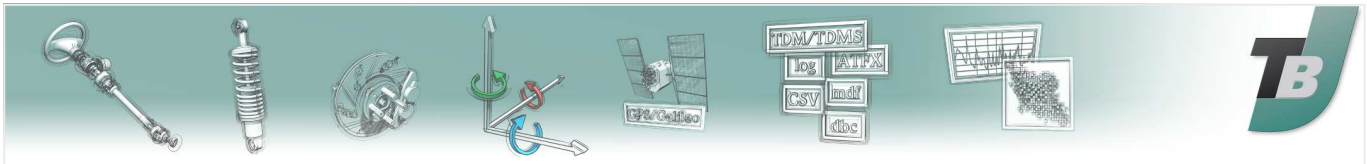
Intelligent communications interface

With the 7"- wide screen (display 155x94 mm) the user has available a comfortable communications interface to his measurement system. Complementary to the graphical elements which can be created flexibly by a PC-configuration software there are 5 similarly programmable hardware function keys with switchable signal colours available. As soon as the VarioVIEW7 recognises that a given limit value is exceeded, the driver can be informed via an integrated, powerful beeper, via sound signal frequencies depending on trigger events or colour changes of the graphical elements. Thus, the driver can also be communicated the status of levelcrossings during extreme driving manoeuvres without diverting his attention.

Flexible interface equipment

The flexibility regarding the plugging to vehicle interfaces already proven on the system VarioPRO has also been implemented on the VarioVIEW7. Individually the display can be equipped from a wide range of interfaces. Choose between: 1, 2 or 4 CAN-interfaces (galvanically insulated), OBD2, Ethernet, LIN 2.X, GPS, WLAN, GSM/GPRS.





Online calculation

With the processor performance available by VarioVIEW7, message contents from all the signal inputs can be calculated and displayed at the same time. Common applications are the online determination of the fuel consumption, distance covered, etc.

Brightness/contrast

With two reference points the automatic brightness control covers a range of 800 cd/cm². So the driver is guaranteed a glare-free and at the same time luminous display even when ambient conditions fluctuate widely.

Option: triggered memory function 32GB SDHC

The display unit can be optionally equipped with an exchangeable storage medium. The storing can be initiated by pressing a function key reserved for this purpose, by freely definable trigger conditions via the level crossing monitoring of message contents or when error memory records occur. For postprocessing of the stored data a converter into the CSV format (MS-Excel) is available.

Option: GPS

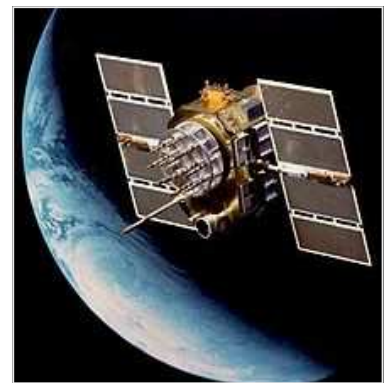
The system VarioVIEW7 can be optionally equipped with an integrated GPS-receiver.

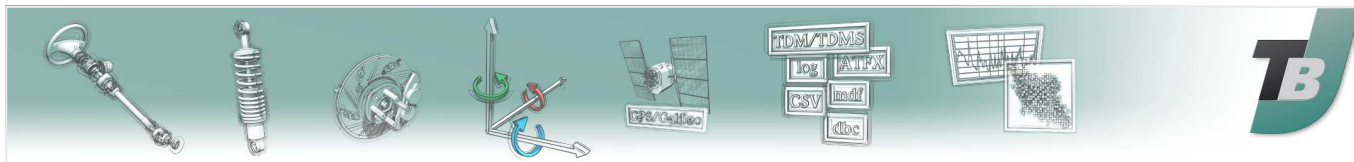
To improve positioning this supports, if locally available, correction methods according to EGNOS/WAAS.

What is calculated is the geographic position, speed over ground, height, heading and other location-relevant information.

The information gained by means of the GPS-receiver can also be shown on the display, converted into CAN-messages and output at the CAN-jacks with individually assignable CAN-IDs.

The combination of (optionally!) up to 4 CAN-interfaces, OBD2-signal converter and GPS-receiver in one compact unit considerably reduces the tooling times and costs required with regard to common vehicle measurements. CAN-IDs, OBD-sensor values and GPS-information can be combined and output via "one" CAN-data stream.





Specifications:

Display: 7" colour touch screen, 15:9 widescreen

Resolution: 800 x 480, 384 000 pixels

Colour depth: 18 bits (262 000 colours)

Brightness/contrast: up to 800 cd/m² / 500 : 1 black/white

Perspective: 70/60/70/70

Function keys: 5 x mechanical / colour change green > red / flashing function

Control LED: 4 multi-colour control LED with free assignment of functions

Supply voltage: +6 up to +42 volts DC

Interface standard: USB 2.X, 1 x CAN, 2048 ID via dbc-import

Beeper: clearly audible beeper with variable audio frequencies

Mechanical system: solid aluminium case, heat and UV resistant

Jacks: at the rear, lockable jacks for CAN, supply voltage, etc.

Dimensions/weight: 190 x 110 x 35 mm, approx. 600 gramms



System extensions / interface options:

Option 1: expandable temperature range -30°C up to +70°C

Option 2: additionally 1 x CAN (= a total of 2 x CAN) up to 2048 ID each via dbc-import

Option 3: additionally 3 x CAN (= a total of 4 x CAN) up to 2048 ID each via dbc-import

Option 4: 4 x galvanically isolated model for CAN, 4 x switchable terminator resistance

Option 5: Ethernet 10/100 Mbits

Option 6: OBD2 input

Option 7: LIN 2.1

Option 8: WLAN

Option 9: GSM/GPRS (triggered data transfer of data/sms/email)

Option 10: GPS (10Hz)

Option 11: 32 GB SDHC exchangeable. For recording of measurement values and 4 setups.

Including monitoring of level crossing of all the message contents.

Option 12: suction cup holder with ball joint for window assembly