



# smartCommander

Universal Handheld Terminal

CAN  
lin



smartCommander 24



smartCommander 7

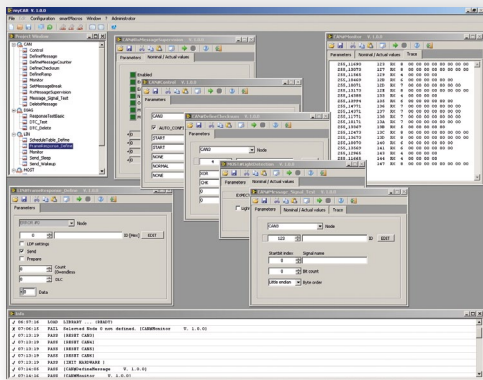
- two layouts of the membrane keyboard with seven or 24 keys and three status LEDs
- Interfaces:
  - CAN (high-speed, low-speed)
  - LIN (master, slave)
- Dimensions: 165 x 80 x 35 mm
- Supply: 9–25 V
- Connection: USB 2.0 (Typ B)
- Operating temperature: 0–60°C
- Software: myCAR™

Technical data



myCAR™

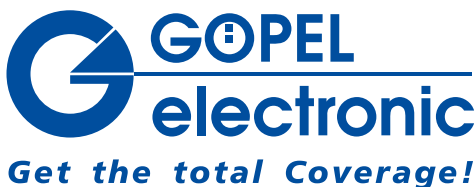
myCAR™



Working environment

GOEPEL electronic introduces **smartCommander**, a **powerful, practice-oriented handheld terminal** to be utilised in the production process of electronic and mechatronic automotive components as well as in the final vehicle assembly. These fields often feature the situation that operating functions must be executed at units to be mounted in vehicles without availability of considered ECUs and control elements. Examples for such applications are the installation of window lifter systems in vehicle doors, sunroofs or electrically operated seat adjustments. GOEPEL electronic has dealt with these issues and developed a versatile handheld terminal for simulating communication messages of non-existent ECUs at the CAN and LIN bus as well as executing operating functions. Importantly considering a simple usability, priority was set on maximum flexibility and was achieved by the free configuration of all device functions.

The smartCommander is connected to a host PC via USB interface to program and download the ECU functions to be displayed. The optionally provided software suite **myCAR™** enables the generation of message sequences, which are deposited at the smartCommander and can be assigned to a certain control key of the device. myCAR™ also supports the automatic generation and parameterisation of message lists from **DBC** and **LDF** databases. Pushing a preconfigured control key in the stand-alone mode results in an output of the deposited message sequences via the device's communication interfaces. smartCommander features seven or 24 freely configurable control keys depending on the layout that can be independently occupied by message sequences and hierarchically assigned from each other. That means, keys can be used to change message contents initiated by another key. As a standard, smartCommander provides a CAN and LIN interface that can be run in parallel. The pluggable transceiver modules can be adjusted to the user's specific hardware specification. There are modules for all common LIN and CAN transceiver ICs. The smartCommander housing, membrane keyboard and cable connector were designed with regard to the requirements for ruggedness in the industrial application.



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