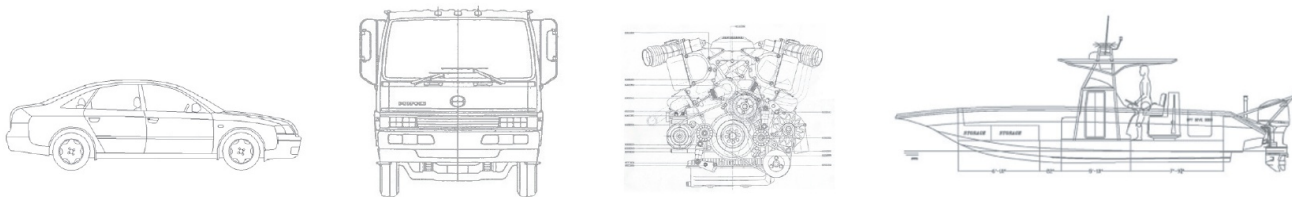
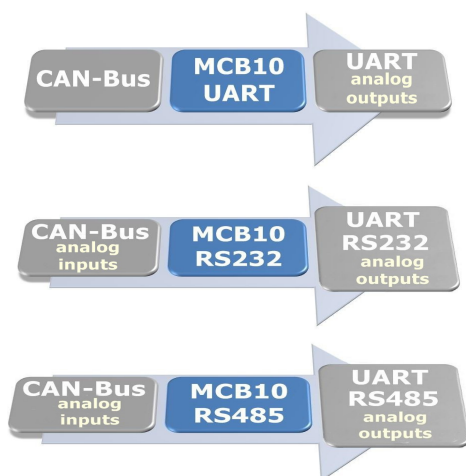


Professional device for data acquisition from CAN-Bus



Application of MCB10:

Module converts data form CAN-Bus of car to UART serial port. Three versions are available:



Each version has different output ports. Modules currently also work with Cummins diesel engines. Using MCB10 gives ability to acquire data (like: distance, speed, RPM (revs), fuel level, etc.), and send it to fleet management GPS/GSM devices with RS232, RS485 or UART ports. Connected device forwards data to fleet management server which calculates maintenance.

Module works with many car brands. Information and dedicated program numbers are contained in supported list available on Quasar Electronics website. Change of configuration or loading new firmware (available at website) is possible with the Bootloader device.



Main features:

- Wide supply voltage range: 12-36V;
- Small dimension: 45x45x20mm;
- Supports wide range of CAN-Bus (transmission rate: 33-500kbit/s);
- Device configuration and firmware update possible with PC via Bootloader;
- Data conversion to RS232 standard , or RS485 (optionally);
- Data conversion to UART serial standard;
- 4 analog outputs;
- 2 analog to digital converters (only in MCB10 RS232 and MCB10 RS485 versions).

Analog outputs:

- ignition status, engine status (rpm above 500 rot/min), work status, status of manufacturer central lock.

CAN converted data:

List of supported vehicles is available on Quasar Electronics website. It allows to check type of acquired data form CAN-Bus and short information about installation.

According to car brand and model it is possible to acquire data like: ignition status, door position, status of manufacturer central lock, speed, position of acceleration pedal, fuel consumption, fuel level, RPM, engine temperature, etc.

Detailed information is available in supported list.