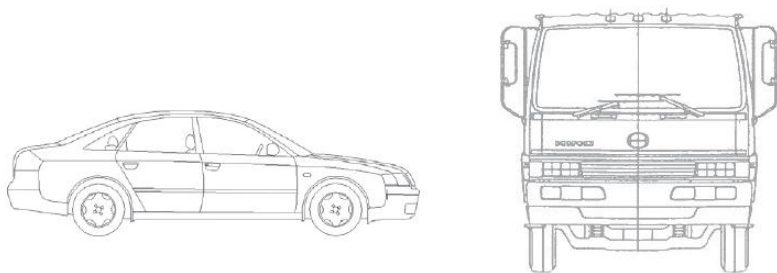


The driver assistance module for economic driving with options for fleet monitoring



## Application:

Eco-Drive Advisor Module - EDA01 is a device that supports the driver in applying good practice concerning ecological and economical driving. The module constantly analyzes the actual operating parameters read from the vehicle CAN bus and using the display and audible warning device communicates the current "ECO-status" and suggestions/warnings for the driver. EDA01 can interoperate with GPS data loggers for recording and transmitting to the monitoring system the parameters specific to the driver's style of driving for detailed current analysis or periodic summaries..



Operation of the module consists of continuous data reading from the CAN bus and analysis by built-in algorithms with parameters adapted to customer needs. After exceeding the threshold values or allowable delays the informations, warnings or alarms are activated. The analog outputs allow to send the current "ECO-status" for the systems already used by the customer. Using the recorder QRT02 (manufactured by Quasar Electronics), there is also possibility of full integration with any IT system.

## Main features:

- Wide supply voltage range: 10-36V;
- Reading data from CAN-Bus → Easy installation;
- 3 versions of display (from simplified to extended);
- 3 outputs → integration with any fleet management system;
- Advanced ECO analysis including, among others:
  - each of the gear ratios of the vehicle;
  - way of operating the accelerator and brake by the driver;

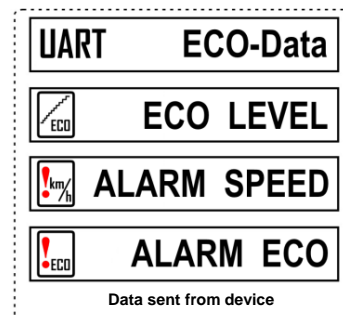
## Tested operating parameters:

- Vehicle speed;
- Engine speed;
- Usage (dynamics) of the accelerator pedal;
- Usage of the brake pedal;
- Torque;
- Fuel consumption;
- Accelerations (built-in accelerometer).

Detailed configuration and eventual software update  
(available on the manufacturer's website) is done using Bootloader.



[www.quasarelectronics.pl](http://www.quasarelectronics.pl)

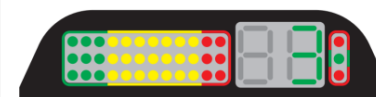


### Display options:

#### 1) Simplified



#### 2) Standard



#### 3) Extended

