

# ZD-Converter 1000

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High Performance Automotive  
Ethernet Media Converter



## ZD-Converter 1000

ZD-Converter 1000 is a media converter between 100/1000Base-T1 Automotive Ethernet and 100/1000M Standard Ethernet. The device is primarily designed to convert Ethernet signals between the ECU of a car or test bench and a PC or datalogger.

After connecting the converter to the RJ45 port of your computer and the Automotive Ethernet cable, ZD-Converter 1000 works without any additional installation. Master/Slave and 100/1000M can be realized by DIP switches and the integrated LED shows the current status. The data transfer is full duplex in both directions. As it is USB powered, ZD-Converter 1000 is a suitable media converter for analysing Ethernet bus on the PC side during development, testing or debugging phases.



### Features

- Supports both 100Base-T1 and 1000Base-T1 Automotive Ethernet
- Supports 100/1000M Standard Ethernet
- Configuration of Master/Slave and 100/1000M speed for Automotive Ethernet via DIP switch
- Autonegotiation of 100/1000M speed for Standard Ethernet
- On board LED indicators for Standard and Automotive Ethernet Act/Link
- USB powered with 5V 0.5A power consumption
- Aluminium housing
- Compact and modular design
- USB Type-A cable and Automotive Ethernet cable included

## Application Scenario

