



J1708 ENGINE GATEWAY YDES-04

A gateway for engines with a J1708 serial interface to an NMEA 2000 marine digital network. With it, you can see engine revolutions, temperature, working hours, fuel rate and other information on the screen of a chart plotter and other display devices on your NMEA 2000 network.

The Gateway supports two protocols that work over J1708: the standard J1587 used by many manufacturers (Detroit Diesel, etc.) and the proprietary Volvo Penta protocol used in engines with EDC I (KAD 44, KAD 300, TAMD73.75); also compatible with EDC II (e.g. D12C-A MP).

Features:

- ▶ first (and only!) device with support of proprietary Volvo Penta KAD protocol;
- ▶ user alert settings for high revolutions, boost pressure, coolant temperature, low oil pressure and low alternator voltage;
- ▶ low-cost installation, no extra cables required in most cases;
- ▶ easy configuration with a simple text file on a MicroSD card;
- ▶ high-voltage galvanic isolation between J1708 and NMEA 2000 interfaces;
- ▶ J1708 data recording for diagnostics and configuration;
- ▶ one engine and transmission, 2 batteries and 2 fuel tanks may be reported by one Device.

Connection:

The Device is equipped with a female connector compatible with Volvo Penta EDC diagnostics connectors used on EDC I and EDC II engines. Owners of other engines can use the disassembled male connector supplied with the Gateway to make a DIY adaptor cable. Models with NMEA 2000 Micro Male or Raymarine SeaTalk NG connector are available.

Reasons to buy:

- ▶ duplicate or replace broken instruments;
- ▶ monitor your engine from any cabin with a wifi-enabled chart plotter;
- ▶ monitor your engines from PC or smartphone using a web browser with our Wi-Fi Gateway;
- ▶ log engine and fuel usage by crew or renters with our Voyage Recorder;
- ▶ record your engine data to apply for service remotely.

13



Download the manual to see J1587 and KAD PIDs supported
Current consumption from NMEA 2000 network: 30 mA, 7.16 V
J1708 cable length: 800 mm
Device case length (without connector): 54 mm

USD \$ 249