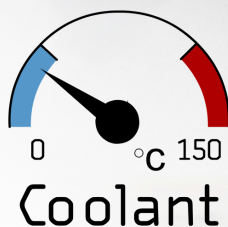


Engine Gateway YDEG-04



NMEA 2000 gateway for
Volvo Penta and J1939 engines

- low cost installation, no extra cables required;
- easy configuration with a simple text file on MicroSD card;
- high-voltage galvanic isolation between J1939 and NMEA 2000 interfaces;
- only listens to J1939 network;
- J1939 data recording for diagnostics and configuration;
- special support for Volvo Penta D1 and D2 engines;
- up to 8 engines, 8 batteries and 10 fuel tanks are supported by one device.

- Designed for operation on NMEA 2000 networks and is compatible with a wide range of equipment supporting this protocol.
- Gateway will provide you with engine revolutions, motor hours, coolant temperature, battery voltage, warning and alarms, fuel rate and other data on the screen of your chart plotter.

Device parameters

Value

Operating voltage (from an NMEA 2000 network)	10..16 V
Protection against reverse polarity	Yes
Average current consumption	38 mA
Load Equivalency Number	1 LEN
Operating temperature range	-20..+55 °C
Isolation between NMEA 2000 and J1939	2500 V _{RMS}
Supply voltage of J1939 part	10..30 V
Average current consumption of J1939 part	13 mA
J1939 cable length (to Deutsch male connector)	500 mm
Device's case length (without connector)	54mm
Weight without MicroSD card	75 g

Reasons to buy:

- duplicate or replace broken instruments;
- in combination with a wifi-enabled chart plotter, you'll be able to monitor your engine from any cabin;
- log engine and fuel usage by crew or renters if a recording device is outfitted;
- record your engine data to apply for service remotely.

