



## NMEA 0183 Wi-Fi GATEWAY YDWG-02

The Gateway allows you to see data from NMEA 0183 marine devices on a PC or smartphone and control the vessel from software.

With this device, you get marine data including vessel course, speed, position, wind speed and direction, water depth, AIS messages from vessels and aircraft and other navigation data in popular software applications. The Gateway works in both directions and enables control of the vessel from virtually any marine software including **OpenCPN**, **iNavx**, **Expedition**, **Coastal Explorer**, **MaxSea** and others.

NMEA 0183	SeaTalk	TCP/UDP	Web Gauges	Logging
2 TX/RX	NO	3	YES	YES

The Gateway has three TCP/UDP network servers with individual settings and filters; it allows setting an individual configuration for different software applications.

A built-in web server allows easily modifying Gateway's settings, updating firmware and monitoring messages flow. It also has built-in Web Gauges which allows viewing the vessel's data in any web browser. Web Gauges has four data pages with a configurable layout, set of gauges and data bars, and preferred units.



Built-in Web Gauges

The Gateway automatically records your track with weather, depth and other data to the internal memory (up to 32000 points). These data can be saved from the internal web site to GPX (for Garmin MapSource, Google Earth or other cartographic applications) or CSV (spreadsheet) files.

### Features:

- ▶ configurable NMEA 0183 ports speed from 300 to 115200 baud;
- ▶ both "single ended" (RS-232) and "differential" (RS-422) NMEA 0183 connections are supported;
- ▶ can be used to pair equipment with different NMEA 0183 speed or connection type;
- ▶ creates it's own Wi-Fi network or can be connected to an existing Wi-Fi network;
- ▶ a pair can act as an NMEA 0183 wireless extender and allows connection of two or more physical devices;