

NAUTICAST W1

Serial to WiFi Server

Connects serial data (RS-232 or RS-422/485) to WIFI (server or client)

Professional Serial to Wifi Server

The Nauticast W1 is designed to integrate any serial data into WIFI networks or devices. It features a rugged metal casing, surge protection for signals and powerful and reliable WiFi up to 100m.

Marine Applications

Built especially for marine applications, it connects any NMEA0183 device to WIFI and can be used with a variety of software and hardware choices. It is perfect to connect the Nauticast A2 or B2 with charting applications like Link2AIS, OpenCPN or others on PCs, Macs and tablets.



www.nauticast.com/en/cms/w1



Main features

- Simple Installation, rugged design
- Web Browser Configuration
- Serial connection (RS-232 or RS-422/485) to TCP or UDP,
- WIFI supports 802.11.b/g/n
- Integrates into existing networks or creates own WiFi network (Soft Access Point)
- Stream Nauticast B2 AIS data (or any other NMEA0183 device) to your PC, MAC, phone or tablet
- Trace and log NMEA0183 data stream with Link2AIS on your Windows PC.

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Specifications & Accessories

Technical Specifications

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|-------------------------|--|---------------------|---|
| ■ Model | Nauticast W1 | ■ Network: | Infrastructure, Software AP |
| ■ Size: | 68x90x28mm | ■ Mode: | TCP Server / TCP Client / UDP |
| ■ Power Supply: | 9-24VDC, 200mA@12VDC | ■ Interface: | RS-232 or RS-422/485 Male DB9 / 4-pin Terminal Block Connector, ESD and over current protection |
| ■ Environmental: | Temp.: -10°C - 65°C (14°F - 149°F)
Humidity: 10% - 95% non-condensing | ■ Baud Rate: | 110bps - 115.2Kbps |
| ■ WiFi: | 802.11b/g/n 2.4Ghz WLAN Range up to 100m | ■ Software: | ICMP, IP, TCP, UDP, DHCP, ARP, DNS, HTTP, SMTP, SNTP - Protocols Web-Browser Configuration |
| ■ Security: | WEP 64-bit /128-bit data encryption, AES, WPA/WPA2-personal, WPS2.0 WAPI | ■ Approval: | FCC Part 15 Class A CE-EN55022 Class A EN55024 RoHS Compliance |
| ■ Casing: | Metal | | |



Content & Recommended Accessories

Item	Description	P/N
Nauticast W1 + DC cable	Nauticast W1 device, DC power supply cable with open ends, WiFi Antenna and onboard web-interface for configuration, W1 data card with software and manuals	300 2001
Nauticast W1 + DC cable + AC transformer	Nauticast W1 device, DC power supply cable with open ends, WiFi Antenna and onboard web-interface for configuration; AC (100-240V) to DC (12V) transformer for Nauticast W1 (European/Continental plug), W1 data card with software and manuals	300 2002
Interface	Optional data connection cable RS232 for Nauticast B2 (1.5m)	300 1012

Inquiries & Orders

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