NAUTICAST B2

AIS Class B Transponder

The complete AIS package for leisure craft & other non-SOLAS vessels

Professional quality meets superb design

The Nauticast B2 is a fully certified class B AIS exceeding all relevant specifications. Developed and manufactured in Austria it features a striking and practical design with a detachable mounting plate. It will integrate seamlessly into any marine network with various connectivity options. Connected to a Nauticast W1 WiFi server it will also stream data to laptops, tablets, mobiles or other WiFi devices.

Complete set including software

The set includes a GPS and VHF antenna with mounts and antenna, power and data cables. Our Link2AIS Software (for Windows) makes device configuration easy. Link2AIS and a laptop allow you to monitor AIS-equipped marine traffic in list format and as chart overlay.
The Nauticast B2 works with various popular charting applications like OpenCPN that support serial or WiFi AIS connections.

www.nauticast.com/en/cms/b2

BSH
Type Examination Certificate
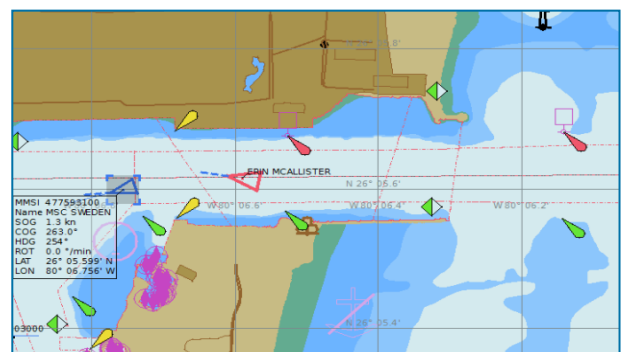4542/001/4322808/14

USCG approval
165.156/23/0

FCC Equipment Authorization
2AEIINAUTICASTB2

Other main features

- Class A like reception quality
- Robust hardware and electronics
- RS232/RS422 (NMEA 0183): Connect to chart plotter, relais and more
- USB interface for PC link (Link2AIS software)
- Silent Mode
- 12-24 VDC power supply
- 2 year manufacturer warranty

Link2AIS Software (included in set)

MMSI 477599100
Name MSC SWEDEN
SOG 1.3 kn
COG 263.0°
HDG 254°
ROT 0.0 °/min
LAT 26° 05.599' N
LON 80° 06.756' W

Nauticast GmbH

Lützowgasse 12-14 / 3.OG

1140 Vienna, Austria

CERTIFIED MANAGEMENT SYSTEM — I⌀Net

qualityaustria
SYSTEM CERTIFIED
ISO 9001:2015   No.12815/0

T +43 1 5237 237 - 0
F +43 1 5237 237 - 150
office@nauticast.com
www.nauticast.com

Specifications & Order Information

Technical Specifications

- **Model** — **Nauticast B2**

- Size: — 195x145x35mm

- Power: — 12VDC (24VDC)
3W avg. consumption
12W peak consumption
1A (0,5A) peak current

- Environmental: — "Protected" (EC 60945-Ed.4)
-15 °C to 55 °C

- VHF Tx: — 1 Transmitter
Frequency 161-162 MHz
Output power 2W nominal

- VHF Rx: — 2 AIS Receivers
1 DSC Receiver
Frequency 156–162MHz
Sensitivity @ -111dBm
< 20% PER

- Interfaces: — RS232, RS422, USB

- GPS: — Internal Receiver
48 Channels
1 Hz Update rate
5V DC antenna feed
IEC61108-1 compliant

- 5 LEDs: — Single or multicolour, indicating the operational and error status

Order Information

Purpose	Description	Prod. No.
Nauticast B2 (complete set)	Nauticast B2 device , NMEA0183 data cable 1.5m (300 1012), power cable, USB cable, VHF whip antenna with mount & 5m cable, GPS Antenna with mount & 5m cable, Link2AIS Software & documentation (USB card), manual	300 1001
Nauticast B2 (device only)	Nauticast B2 device, NMEA0183 data cable 1.5m (300 1012), power cable, USB cable, Link2AIS Software & documentation (USB card), manual	300 1020
Interface	Data cable for B2 3m (RS232, RS422, Alarm out, LED out for chart plotters/NMEA devices, relais etc.)	300 1004
	Data cable for B2 1.5m (RS232, RS422, Alarm out / for chart plotters/NMEA devices, relais etc.)	300 1012
	Alarm relay for Nauticast B2	300 1009
WiFi	Nauticast W1 WiFi Server integrates into existing networks or creates own WiFi network (incl. power cable and manual)	300 2001
	As above incl. 100-230V AC power transformer	300 2002
GPS Antennas	Procom GPS4 top quality GPS antenna (without mount or cable)	100 1022
	GPS Antenna std. with mount & 5m cable (replacement)	300 1002
VHF Antennas	VHF antenna std. with mount & 5 m cable (replacement)	300 1003
Combi Antennas	Comrod AC17 with splitter	100 1025
	AC Marine VHF/GPS-2 combined antenna (incl. splitter)	100 1027

Inquiries & Orders

sales@nauticast.com
T +43 1 5237 237 - 400
F +43 1 5237 237 - 150