



NAUTICAST A2

Using the VHF maritime band the **NAUTICAST A2** Automatic Identification System (AIS) is an exciting development in the safety of navigation. The **NAUTICAST A2** facilitates the exchange of navigational data between passing vessels and shore-based monitoring stations. Knowing other oncoming vessel names, their course, speed and current navigational status, it contributes to increasing safety at sea and collision avoidance in low visibility conditions.

The **NAUTICAST A2** is designed for SOLAS and Inland Waterways vessels and fully exceeds all specifications for SOLAS and INLAND AIS as outlined by main authorities such as IMO, ITU, IEC and CCNR.

Main Features

- SOLAS or Inland AIS - Mode
- Multilanguage Software
- Quick installation with single box solution
- 12 – 24 VDC power input
- Weather proof compact design
- Intuitive graphical user interface
- Integrated Pilot plug
- Color display
- RS-232 and RS-422 interfaces
- Light sensor for automatic dimming
- SART alarm and test support
- SRM and Binary Text messaging
- Quick SW upgrade from USB memory
- VHF communication test function
- Designed for ITU-R M.1371-5
- Gimbal or flush mounting



NAUTICAST A2

Product Number:

1st1001001

Model Number:

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Size:

237x79x170 mm

Weight:

2.20 kg

Power:

12/24VDC
20W Average
power consumption
60W peak

Electrical Interfaces:

5 x RS422
1 x RS232
1 x Micro USB
1 x Digital In
(Blue sign)
Alarm Relay
Integrated RS-422
(pilot plug)

Environmental:

IEC 60945 (exposed)
-15 °C to 55 °C

VHF:

SDR Transceiver
Frequency 156-163 MHz
Output power 1/12.5 W
(±1.5 dB)
Sensitivity < -111 dBm

internal GPS Receiver:

50 channel
Frequency: L1
(1575.42 MHz)
Update rate: 1 Hz
Antenna feed: 5 V DC

Position accuracy (SA off):

Position <2.0 m DGPS
(CEP)
Position <2.5 m GPS
(CEP)

Sensitivity:

Tracking -162 dBm
Cold Start -148 dBm

