NAB-1000 AUTOMATIC IDENTIFICATION SYSTEM (Class B)

- Meet the latest IMO regulation and ITU standards
- Compatible with AIS AtoN, AIS SART and MOB
- High stability and easy maintenance
- Built-in isolated PSU with wide range input
- Type approval with CCS and VR

NAB-1000 AIS system, which adopts CSTDMA technology, is designed for use on non-Solas vessels.

NAB-1000 can communicate with other AIS transponders, including shipborne Class A AIS, Class B AIS, AtoN AIS station, AIS base stations. NAB-1000 conforms to the international standards, such as IEC 62287-1, ITU-R M 1371-5.
**SPECIFICATIONS**

- Frequency Range: 156.025~162.025MHz (full channels)
- Default Channels: CH2087, CH2088
- Band Width: 25kHz
- Output Power: 2W
- Communication Mode: CSTDMA
- Sensitivity: Better than -109 dBm
- Data Ports: RS-232 × 1, RS-422 × 1
- Data Format/Baudrate: NMEA-0183, 38400bps
- Ant Connectors: 50Ω, TNC (GPS Ant), BNC (VHF Ant)
- Power Source: 24V DC (12~38V)
- Size: 81mm × 174mm × 160mm (H × W × D)
- Weight: 1.4kg (Transponder)

**EQUIPMENT LIST**

- **STANDARD**
  - AIS Transponder [B] 1 pc
  - GPS Antenna (with 10m cable) 1 pc
  - Accessories 1 set

- **OPTIONS**
  - AIS Plotter (8’') 1 pc
  - AIS Plotter (10.4’’) 1 pc
  - VHF Antenna (with cable) 1 pc

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**SYSTEM DIAGRAM**

![System Diagram](image)

**SIZE DIMENSION**

![Size Dimension](image)

※ Specifications subject to change without notice.