

AIS CLASS A

NSI-1000

- Meet the latest IMO regulation and ITU standards
- Compatible with AIS AtoN, AIS SART, AIS MOB, AIS EPIRB
- GPS, BDS, GLONASS positioning mode
- Built-in isolated DC/DC with wide range input
- Support all NEMA versions for GNSS/HTG input
- Data interface to BAM system
- High stability and easy maintenance
- Type approval with DNV (MED), and CCS



- Designed to improve navigation safety and offer real-time information exchange of your own ship's data and other AIS-equipped ships or coastal stations within VHF coverage.
- Fully complying with the international regulations, IMO MSC.74 (69), MSC.302 (87), ITU-R M.1371-5, IEC 61993-2, etc.
- Can communicate with other SO-TDMA and CS-TDMA AIS transponders, including shipborne Class A AIS, Class B AIS, AtoN AIS station, AIS-SART, AIS MOB, AIS EPIRB, etc.
- 7-inch, color LCD, touch screen operation with adjustable brilliance.
- Interface for RADAR, ECDIS, BAM, GYRO and external GNSS equipment.



SPECIFICATIONS

- Frequency: 156.025 ~ 162.025 MHz
- Default Channel: AIS 1, AIS 2
- DSC Channel: CH70 (156.525 MHz)
- TX Power: 12.5 W (High) / 1 W (Low)
- Data Interface: RS422
- Power Supply: DC 24 V (range 18 V ~ 38 V)
- Size: 81 (H)×174 (W)×257 (D) mm (Transponder)
145 (H)×264 (W)×83 (D) mm (MKD)
- Weight: 2.3 kg (Transponder), 1.25 kg (MKD)
- Operating Temperature: -20℃~+55℃ (Transponder, MKD, Plotter)
-40℃~+55℃ (Antenna)
- IP Grade: IP22 (Transponder, MKD, Plotter), IP66 (Antenna)

EQUIPMENT LIST

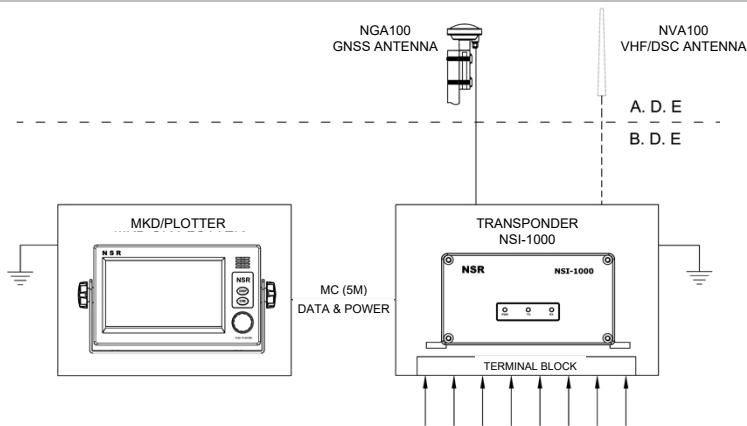
● STANDARD

- AIS Transponder	NSI-1000	1 pc
- MKD	NSI-1000D	1 pc
- GNSS Antenna (with 20 m cable)	NGA100	1 pc
- Accessories		1 set

● OPTIONS

- Plotter	NES-3010	1 pc
- VHF Antenna	NVA100	1 pc
- Pilot Plug	NPP100	1 pc

SYSTEM DIAGRAM



SIZE DIMENSION

