

# 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
- Type approval of Inland AIS by EU



- Designed to improve navigation safety and offers real-time information exchange of your own ships data and other AIS-equipped ships or coastal stations within VHF coverage.
- Fully complying with the international regulations, IMO MSC.74 (69), IMO MSC.302 (87), ITU-R M.1371-5, IEC 61993-2, IEC 62923-1, IEC 62923-2, 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, BLUE SIGN, RELAY and external GNSS equipment.



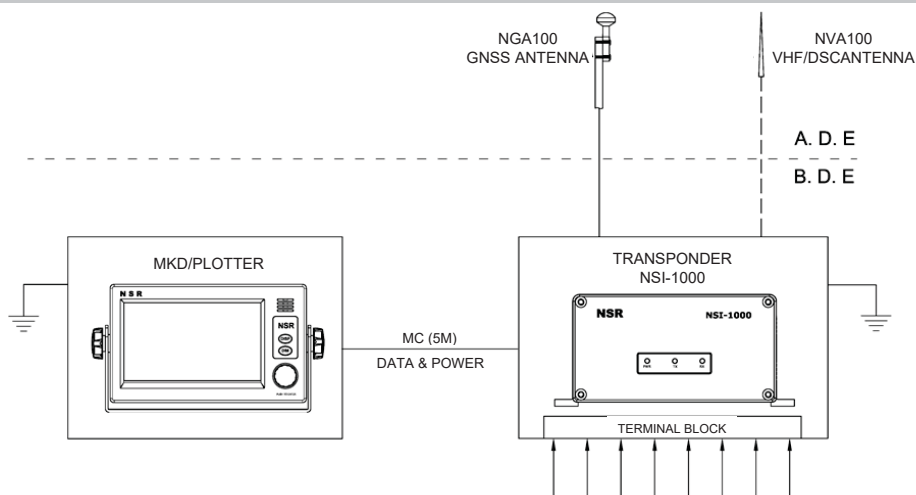
## SPECIFICATIONS

- 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 12 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)
- 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
  - Flush Mount Bracket for MKD 1 pc

## SYSTEM DIAGRAM



## SIZE DIMENSION

