## **AIS CLASS A**

- Meet the latest IMO regulation and ITU standards
- Compatible with AIS AtoN, AIS SART, AIS MOB, AIS EPIRB
- Built-in isolated DC/DC with wide range input
- Support all NEMA versions for GNSS/HTG input
- Port for BAM system connection
- High stability and easy maintenance
- Type approval with DNV (MED), CCS, RS and VR
- Type approval of Inland AIS by EU



**AIS TRANSPONDER** 

- 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 (full channels)
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 (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), IP66 (Antenna)

EQUIPMENT LIST		
• STANDARD		
- AIS Transponder	1 pc	
- MKD	1 pc	
- GNSS Antenna (with 20 m cable)	1 pc	
- Accessories	1 set	
• OPTIONS		
- NES-3010 Plotter	1 pc	
- VHF Antenna	1 pc	
- Pilot Plug	1 pc	
- Flush Mount Bracket for MKD	1 pc	





