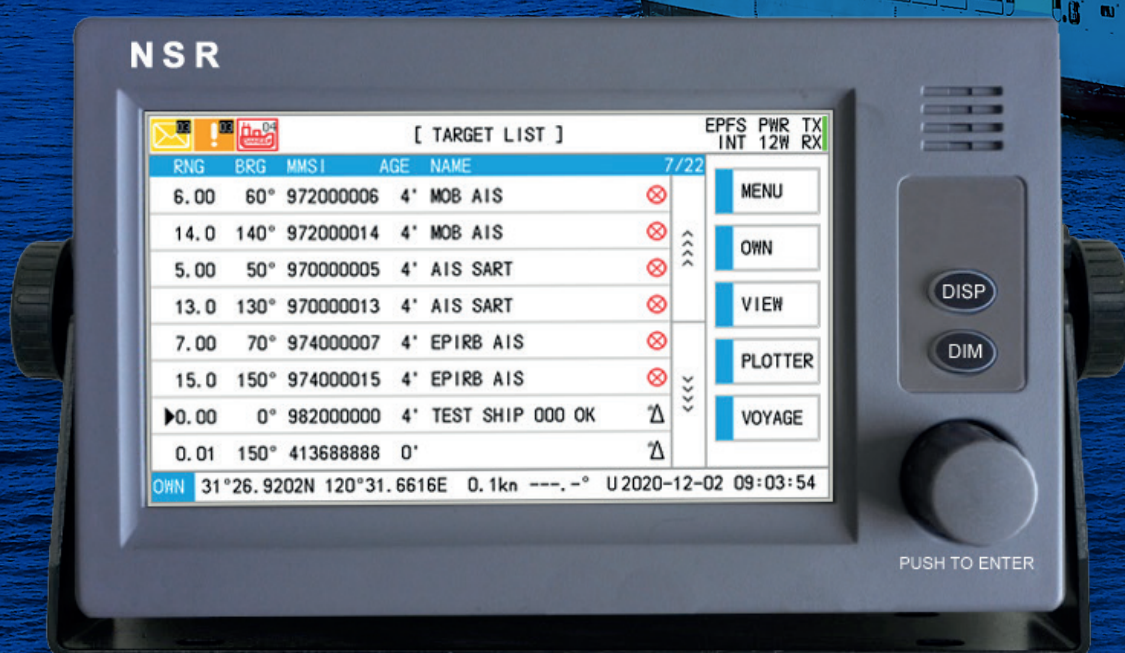# NSI-1000
AIS
TRANSPONDER

NSR'S NEW GENERATION AUTOMATIC INDENTIFICATION SYSTEM

MED / Wheelmark type approved by DNV-GL

Class A AIS

Large 7-inch color LCD display with touchscreen

Provides real-time AIS info for collision avoidance

Compatible with AIS Sart and AIS MOB

High stability and easy maintenance

BAM compatible

NSR
marine

NSI-1000
AIS TRANSPONDER

The NSI-1000 is 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.

Features

Meet the latest IMO regulation and ITU standards

Compatible with AIS Aton, AIS SART and AIS MOB

Built-in isolated DC/DC with wide range input

Support all NMEA versions for GNSS/HTG input

High stability and easy maintenance

Type approval with DNV-GL

Type approval of Inland AIS by EU

Interface for RADAR, ECDIS, INS, GYRO and external GNSS equipment

Fully complying with the latest international regulations IMO MSC.74(69), MSC.302(87), ITU-R M.1371-5, IEC 61993-2(2018), IEC62923-1(2018), IEC62923-2(2018)

Specifications

AIS Transponder

Frequency: 156.025 ~ 162.025 MHz

Default Channel: AIS 1 (CH2087), AIS 2 (CH2088)

DSC Channel: CH70 (156.525 MHz)

TX Power: 12.5 W (High) / 1 W (low)

I/O interface: Input RS422 × 3, Output RS422 × 4

Display

7-inch, color LCD, touchscreen operation with adjustable contrast and brilliance

Power supply

24 V DC (12 V ~ 38 V)

Size

81(H) ×174(W) × 257(D) mm (Transponder)

Weight

2.3 kg (Transponder), 1.25 kg (MKD)

IP Grade

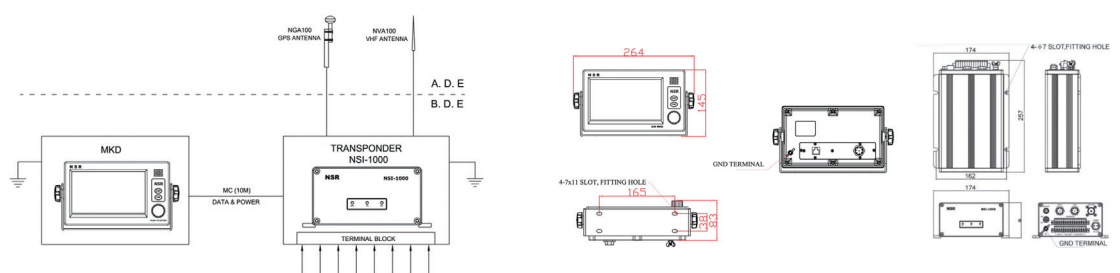IP22 (Transponder, MKD), IP66 (GNSS Antenna)

Equipment list

Standard

Transponder: 1 pc

MKD: 1 pc

GNSS Antenna (cable length = 20 m): 1 pc

Accessories: 1 set

Options

VHF Antenna: 1 pc

Pilot Plug: 1 pc

Flush Mount Brackets for MKD: 1 set

System diagram and dimensions

Distributor

More information at rcom.nl

+31 (0)180 - 62 24 42

Manufacturer

New Sunrise Co., Ltd.

nsrmarine.com