

NSR's new echo sounder:

- SDR (Software Defined Radio) technology
- High accuracy and stability
- Large color LCD, touch screen operation
- Android O/S for easy operation
- Auto depth detection, auto range and auto gain functions
- BAM alarm function
- Meet the IMO and ISO standards
- Type approval with DNV and CCS



- NED-3010 echo sounder is designed for vessel navigation, which provides reliable information about the depth of water under the vessel through transducers.
- NED-3010 adopts SDR technology and Android O/S.
- NED-3010 conforms to the standards of IMO MSC.74 (69) Annex 4: A.224 (VII) , IMO MSC.302 (87), IEC 61162-1, IEC 62923-1, IEC 62923-2 and ISO 9875.



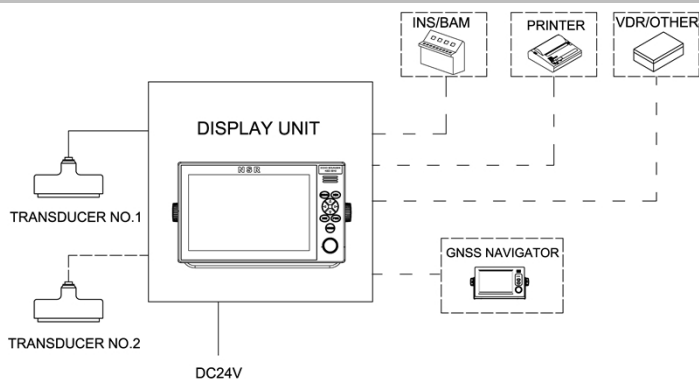
## SPECIFICATIONS

- Channel: 2 channels
- Frequency: 200kHz (default), 50kHz (optional)
- Measure Range: 0.3 ~ 200m (200kHz), 2 ~ 200m (50kHz)
- TX Power: 600W
- O/S: Android
- LCD Display: Touch screen operation
  - Size: 10.1 inch
  - Resolution: 1280×800
- Interface: I/O sentence (IEC 61162-1 & IEC 61162-2)
- Power Supply: DC 24 V (9 V ~ 36 V)
- Size: 189.8 (H) × 321.3 (W) × 100.6 (D) mm (Display Unit)
- Weight: 2.25 kg (Display Unit)
- IP Grade: IP22 (Display Unit), IP67 (Transducer)

## EQUIPMENT LIST

- **STANDARD**
  - Display Unit NED-3010 1 pc
  - Transducer (15m) NXD-200A 1 pc
  - Accessories 1 set
- **OPTIONS**
  - Junction Box 1 pc
  - Transducer (15m) NXD-50A 1 pc
  - Transducer Tank NXT-100 1 pc
  - Flush Mount Bracket 1 pc

## SYSTEM DIAGRAM



## SIZE DIMENSION

