



MND-I6 offers a comprehensive solution for marine navigation display requirements. It combines the latest GPS and Glonass technology and advanced processing software with an elegant design. Taking the advantage of the standard structure, MND-I 6 is fully integrated to different marine navigation systems and sensors such as wind sensor, gyro-compass, speed log, auto-pilot FCS and radar.

## FEATURES

- Built- in precise GPS and Glonass to monitor navigation data such as time, latitude, longitude, speed, SOG, COG, and heading
- NMEA 0183 compliant
- Graphical presentation of the quality of received signals, position and status of the locked satellites
- Easy calibrating of speed log sensor through software
- Configurable interfaces and ports for defining different inputs and outputs
- Fully integrated and PC-based design
- Customized interfaces to meet the user requirements
- Easy define and labelling new routes and waypoints
- Fully adjustments to zero-dim for night vision
- Bright, sunlight and wide-viewing LCD
- Optional DGPS to increase the accuracy
- Rugged and waterproof design
- Easy-to-use software controlled through soft-touch buttons
- Moving map application taking the advantages of the preloaded worldwide satellite map
- Switch to dead reckoning in case of poor GPS signal quality



RADAR AND OPTIC

## TECHNICAL SPECIFICATIONS

### Physical

Image size	10.4"
Chassis size	380.50 x 256.50 x 113 mm (L x W x H)
Weight	9 Kg max
Color	Black face
Input voltage	12-32 VDC

### Display

Type	TFT
Size	210.4 x 157.8 mm
Resolution	1024 x 768
Brightness	300 Nits
Viewing angle	+60/.45 deg. vertical +/-60 deg. horizontal
Refresh rate	60 Hz

### Standard Compliance

EMI/EMC	EN 50082 EN 50081-1
Speed log	IEC 61023
GNSS antenna	IEC 61108-1
Environmental	MIL-StD-810

### Interfaces

USB	RS422 (NMEA-0183)
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