

MARINE NAVIGATION EQUIPMENT

NGR-3000 GPS

FEATURES: Comprehensive navigation data displays. Storage for up to 999 waypoints and 30 routes. 7 inch, color LCD, touch screen operation with adjustable contrast and brilliance. Dedicate port for INS connectio...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Navigation Equipment
Standard	DIN
Certificate	CCS.DNV-GL,VR type approval certificate.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Navigation Equipment	Model / SKU	NGR-3000-GPS
Standard	DIN	Certificate	CCS.DNV-GL,VR type approval certificate.
Warranty	12 Months unless specified otherwise	Origin	China

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FEATURES:

Comprehensive navigation data displays.
Storage for up to 999 waypoints and 30 routes.
7 inch, color LCD, touch screen operation with adjustable contrast and brilliance.
Dedicate port for INS connection.
2 GPS data outputs.
A DGPS beacon receiver (external) may be connected to the NGR-3000 to add DGPS function.
Meets the requirements of relative IMO and IEC regulation & standards, including IMO MSC112 (73),IEC61108-1,etc.

Specification:

Model	NGR-3000 / NGR-1000
GPS RECEIVER	
Receiving System:	GPS, Beidou, Glonass
Rx Frequency:	1575.42 MHz
Rx Code:	C/A code
Position Accuracy:	<10m (GPS), <5m (DGPS), 95% of the time, horizontal dilution of position (HDOP) <= 4
Tracking Velocity:	999 kts
Position-fixing Time:	Cold start: 120 seconds
Position Update Interval:	1 second
DISPLAY SECTION	
Display:	7 inch, color LCD, touch screen operation
Fix Mode:	GPS / GLONASS / Beidou
Alerts:	Lost of Position, HDOP > 4, DGPS lost
INPUT/OUTPUT DATA	
Output Data:	NMEA0183, totally 3 ports., Baud Rate 4800/9600/19200/38400 bps
Sentences:	ALF, DTM, GBS, GNS, GGA, GSA, RMC, VTG, ZDA, etc.
INS connection:	INS IN / INS OUT, RS422
Input Data:	DGPS RTCM SC-104
Power Supply	24 VDC, 0.25-0.50 A
ENVIRONMENT CONDITION	
Ambient Temperature:	
Relative Humidity:	95% at 40°C
IP Grade:	Antenna Unit: IP66 Main Unit: IP22
Size	145(H) x 284(W) x 80(D) mm
Weight	1.25kg (main unit)