MARINE NAVIGATION EQUIPMENT

# NGR-3000 GPS

ISO9001 Supplier

Class Certificate

Export Supply

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...




## 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,<br>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,,<br>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<br>Main Unit: IP22 |
| **Size** | 145(H) x 264(W) x 80(D) mm |
| **Weight** | 1.25kg (main unit) |