

# KNOW WHERE YOU ARE

## GPS NAVIGATOR

### N500R



#### SPECIFICATIONS

<b>GENERAL</b>	
Size	190 mm(W) x 340 mm(H) x 100 mm(D)
Display	5" diagonal, TFT color, 800 x 480 pixels.
Supply voltage	10 to 24 V DC
Operating temperature	-10° to 50°C
<b>ALARMS</b>	
Chart card	NAUTONICS MicroSD Card
User card	MicroSD Card
Waypoints	Up to 10,000, with default or user defined alphanumeric names up to eight characters.
Routes	100 Routes, with up to 100 points each
Tracks	By time or distance, 10 track of 15,000 points
Chart datums	216 Chart datums, One user-defined map shift.
Chart scale	0.2 to 500 nm for chart (chart dependent) down to 0.005 nm in plotter mode.
<b>GPS Performance</b>	
Receiver type	50 Channels GPS L1 frequency, C/A Code
Time-To-First-Fix	Cold Start(Autonomous) 29s Warm Start(Autonomous) 29s Hot Start(Autonomous) <1s
Horizontal position accuracy	Autonomous 100m(95%) HDOP $\leq$ 4 Dynamic 100m(95%) HDOP $\leq$ 4
<b>COMMUNICATIONS</b>	
NMEA	NMEA 0183 4800, 9600, 38400 baud
NMEA 0183 Inputs from compatible instruments	DBK, DBS, DBT, DPT, GGA, GLL, GNS, GSA, GSV, HDG, HDT, MDA, MTA, MTW, MWD, MWW, RMC, RPM, VHW, VTG, VWT, ZDA
NMEA 0183 Outputs, for compatible instruments	APA, APB, BWR, GGA, GLL, GSA, GSV, RMB, RMC, VTG, XTE, DBT, DPT, MTW, ZDA

#### COMPONENTS

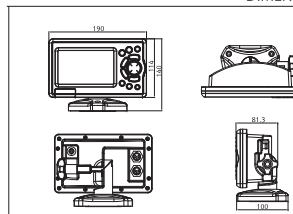
##### STANDARD

MAIN UNIT  
GPS ANTENNA + GPS ANTENNA SUPPORT (SAN-60-10M)  
USER'S MANUAL(ENG)  
PROTECTION COVER  
POWER CABLE

##### OPTION

GPS ANTENNA + GPS ANTENNA SUPPORT (SAN-60-10M)  
GPS ANTENNA STAND TYPE SUPPORT

#### DIMENSIONS



GPS CHARTPLOTTER  
WITH  
BUILT IN GPS SATELLITE RECEIVER

- ✓ 5" WIDE COLOR TFT LCD
- ✓ SMALL, LIGHT AND EASY
- ✓ USER FRIENDLY MENU

COMPLIANT WITH IMO STANDARD