ECS (Electronic Chart System)

- Comply with the latest IEC standards
- Built-in wide-range isolated power supply
- Completely isolated interface to avoid interaction
- 1280 X 1024 high-resolution color LCD
- Brightness control on panel, convenient for night navigation
- Industrial design for marine use
- Type approved by CCS



Electronic Chart System (ECS)

NES-1000 ECS is an electronic chart system, which is designed to comply with the latest standards set by IEC. The electronic chart is compatible with S52 format. The inputs include GNSS, AIS and HDG data.





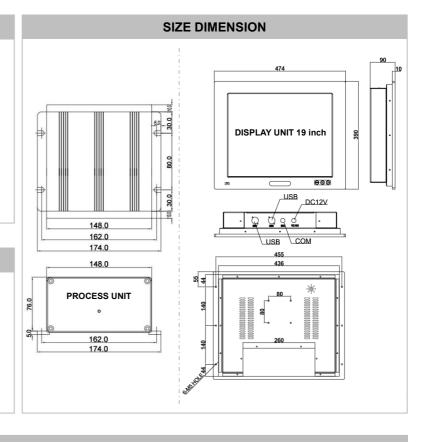
FEATURES

- Compliant with IHO S52 Standard;
- Electronic chart display, illimitable zoom;
- MS Windows OS, operate convenient;
- AIS targets displayed on the chart;
- Position, COG, SOG and heading displayed;
- CPA/TCPA calculation;
- Navigation functions with route plan.

EQUIPMENT LIST

STANDARD

- Main Unit / Display Unit (19 inch)
- Process Unit
- Trackball & Keyboard
- Installation Material



SPECIFICATIONS

DISPLAY UNIT

- Resolution: 1280×1024

Color: 32 bit, TFTDisplay Size: 19 inch

- Protected Glass: Bonding Glass

- Power Supply: DC 24V

- Size: 474 (W) × 390 (H) ×90 (D) mm

Weight: 14 kg

MONITORING

- Own Ship: Position, COG, SOG, Heading

AIS Targets: AIS Class A, AIS Class B,
AIS AtoN Station.

AIS Base Station

- AIS Alert: CPA/TCPA

PROCESSOR UNIT

- Interface: RS232×1

RS422×1

RS422 (RX only) ×3

USB×2

- Interface Format: IEC61162-1, IEC61162-2

Power Supply: DC 24 V

- Size: 174 (W) × 81 (H) × 160 (D) mm

- Weight: 2 kg

S/W

OS: Windows

- Operation Method: Trackball, Keyboard

Chart Update: USBIP GRADE IP22

