

SI-108

# UAIS(Universal Automatic Identification System)



SI-10D KDU (Keyboard & Display Unit)



SI-108T TRANSPONDER



**UAIS (Universal Automatic Identification System)**

**FEATURES**

- Fully complying with international recommendations IMO A.694, MSC Resolution 74 (69) Annex3, IEC 61993-2, ITU-R M.1371-1, ITU-R M.825 (DSC), IEC-60945
- Easy operation with graphic mode display and function keys
- Interface for RADAR, ECDIS, ECS, GYRO, external GPS, etc.

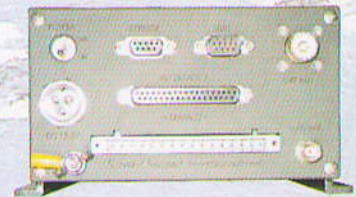
**BASIC COMPOSITION**

- AIS Transponder, Keyboard and Display Unit, VHF, GPS Antenna

**SPECIFICATION**

**SI-108T TRANSPONDER**

- Components : Transmitter, 2 TDMA Receivers, DSC Receiver
- Frequency Range : 156.025~162.025MHz
- Default Channels : CH87B(161.975MHz), CH88B(162.025MHz)
- DSC Channel : CH70(156.525MHz)
- Bandwidth : 12.5KHz/25KHz
- Output Power : 2W(Low)/12.5W(High)
- Modulation Method : GMSK(Gaussian Minimum Shift Keying),  
Frequency Modulation with a pre-emphasis
- Bit Rates : 9,600bps(GMSK)1,200bps(DSC)
- Electrical Interfaces : RS-232/RS-422
- Data Port format : NMEA-0183
- Power Supply : 13.5VDC(±20%)
- Dimension : 98(H)×185(W)×297(D)mm
- Weight : abt.3Kg



**SI-10D KDU(Keyboard & Display Unit)**

- LCD Display : 5.7"Graphic LCD with LED backlight
- Display Capability : Own Ship's Data, Other Ship's List (7 ships/screen), Other Ship's details
- Electrical Interfaces : RS-232
- Alarm & Indication : Dangerous ship, Lost target, etc.
- Power Supply : 14VDC(10VDC~38VDC)
- Dimension : 130(H)×220(W)×80(D)mm
- Weight : abt.1.3Kg



※Specifications subject to change without notice.