Saracom®

SI-108
UAIS(Universal Automatic Identification System)

SI-10D KDU (Keyboard & Display Unit)

UAIS SI-10D

Saracom®

Saracom® UAIS SI-108 Transponder

OPERATING

STATUS

TX RX1 RX2 DSC RX

HDG Pos.Fix Class A SAR

ANT Alarm KDU Test

Ext.GPS DrY Class B Base

SI-108T TRANSPONDER

Saracom®

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
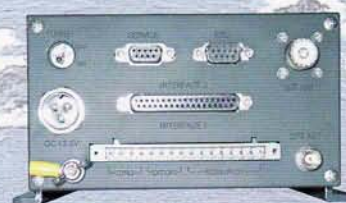- Interface for RADAR, ECDIS, ECS, GYRO, external GPS, etc.

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), Frepuency 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.*

Saracom®

Agency