

**Saracom**<sup>®</sup>

**SI-10**

# **UAIS (Universal Automatic Identification System)**



SI-10D KDU (Keyboard & Display Unit)



SI-10T TRANSDUCER



**FEATURES**

- Fully Complying with international recommendations IMO A.694, MSC Resolution 74(69) Annex 3, 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 with integrated power supply, Keyboard and Display Unit, VHF,GPS Antenna

**SPECIFICATION****SI-10T 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 : 110V / 220Vac(±10%), 50/60Hz and 24Vdc(±20%) and 24Vdc
- Dimension : 90(H) x 310(W) x 310(D)mm
- Weight : abt. 4Kg

**SI-10M 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) x 220(W) x 80(D)mm
- Weight : abt. 1.3Kg



\* Specifications subject to change without notice.