

Tron AIS TR-8000

Automatic Identification System Class A



- AIS-SART and AtoN target/ message detection
- Separate display and transponder unit
- 7" easily readable touch screen. IP54 rated
- Dual display solution
- No junction box required

Tron AIS TR-8000

Approved according to the latest AIS-standards

Features:

- Separate display and transponder unit
- 7" touch screen display
- Software upgradable
- Compact design for easy installation
- Console or desktop mounting
- Junction-connection included in transponder unit
- Display rated to IP54
+ Extended temperature (IEC 60945)
- Transponder rated to IP56
+ Exposed (IEC 60945)
- Easy ECDIS interface

Technical specifications

PARAMETER	
Conforming standards	IMO MSC.74 (69) annex 3; MSC.191(79) ITU-R M.1371-4, IEC 61993-2. Ed-2. IEC 60945 IEC 61162-1/2, IEC 62288 Ed.1
Weight	Display unit: 1 kg, transponder unit: 3.7 kg
Dimensions	Display unit: W: 210 mm, D: 83 mm, H: 150.4 mm Transponder unit: W: 319 mm, D: 204 mm, H: 77 mm
Supply, voltage	10.8-31.2 VDC
Power consumption	Display unit: Normal < 12 W, intensity (max) < 20 W Transponder unit: Receive < 15 W, transmit: (max): < 50 W
GPS module	72 channels
Channels, default	2087 (161.975 MHz), 2088 (162.025 MHz)
Channels used by National Authorities	In the range of 156 - 162.025 MHz
DSC channel	70 (156.525 MHz)
RF output power	12.5/1 W
Interfaces	IEC 61162-1 (RS422-adjustable baudrate: 5 inputs) IEC 61162-2 (RS422-38400 b/s: 2 I/O) RS232-adjustable baudrate: 1 I/O LAN (10Base-T Ethernet: 1 I/O)
Data presentation	Tron AIS TR-8000 Display unit Optional ECDIS, ECS, ARPA or PC
Temperature range	Operational: -25°C to 55°C, storage: -30°C to 70°C

Standard supply

- Tron AIS TR-8000 Transponder unit
- Tron AIS TR-8000 Display unit
- GPS antenna w/cable and bracket
- Flush mounting kit
- Standard bracket mounting kit
- Product manual

Optional supply

- VHF antenna
- Combined VHF/GPS antenna
- Antenna signal splitter
- Gyro converter
- AC/DC converter
- Antenna cables



Tron AIS TR-8000 Display unit



Tron AIS TR-8000 Transponder unit