



FEATURES

- ▶ Separate display and transponder unit
- ▶ 7" Touch Screen Display
- ▶ Easy ECDIS interface
- ▶ Software upgradable
- ▶ Collision alarms (tCPA, CPA)
- ▶ Approved according to latest AIS-standard

Tron AIS TR-8000

AUTOMATIC IDENTIFICATION SYSTEM
CLASS A



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▶ Tron AIS TR-8000

AUTOMATIC IDENTIFICATION SYSTEM - CLASS A

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



SPECIFICATIONS	
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: - TR-8000 Display unit - TR-8000 Transponder unit	1 kg 3,7 kg
Dimensions: - Display unit - WxDxH - Transponder unit - WxDxH	210mm x 83mm x 150,4mm 319mm x 204mm x 77mm
Supply, voltage	10,8-31,2 VDC
Power consumption - TR-8000 Display unit: - TR-8000 Transponder unit:	Normal: <12W Max intensity: <20W Receive: <15W Transmit (max): <50W
GPS module	16 channels
Channels, default	2087 (161.975 MHz) 2088 (162.025 MHz)
Channels to be used by National Authorities all 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 baurate: 1 I/O LAN (10Base-T Ethernet: 1 I/O)
Data presentation	TR-8000 Display unit Optional ECDIS, ECS, ARPA or PC
Operational temperature range	-25°C to 55°C
Storage temperature range	-30°C to 70°C
STANDARD SUPPLY TR-8000 Transponder unit TR-8000 Display unit GPS antenna w/cable and bracket Flush mounting kit Plug 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

Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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