

TRANSAS WORLD-WIDE DISTRIBUTORS AND SERVICE NETWORK

TRANSAS T-55 AIS/GPS RECEIVER



TRANSAS INTERNATIONAL HEADQUARTERS

tel.: +353 (0) 21 4 710 400
 fax: +353 (0) 21 4 710 410
 e-mail: information@transas.com
 internet: www.transas.com

TRANSAS RUSSIA & CIS

tel.: +7 812 325 3131
 fax: +7 812 325 3132
 e-mail: sea@transas.ru
 internet: www.transas.ru

TRANSAS SCANDINAVIA AB

tel.: +46 31 694 180
 fax: +46 31 694 184
 e-mail: sales@transas.se
 internet: www.transas.se

TRANSAS USA INC.

tel.: +1 425 486 2100
 fax: +1 425 486 2112
 e-mail: sales@transasusa.com
 internet: www.transasusa.com

TRANSAS EUROPE GMBH

tel.: +49 40 890 6660
 fax: +49 40 881 1379
 e-mail: info@transas.de
 internet: www.transas.de

TRANSAS MARINE PACIFIC PTE LTD.

tel.: +65 6443 3061
 fax: +65 6443 3025
 e-mail: info@transas.com.sg
 internet: www.transas.com.sg

TRANSAS MARINE (UK) LTD.

tel.: +44 2392 674 000
 fax: +44 2392 674 048
 e-mail: tmuk.sales@transas.com
 internet: www.transas.com

TRANSAS CHINA

tel.: +86 21 6875 4663
 fax: +86 21 6875 4664
 e-mail: info@transas.com.cn
 internet: www.transas.com

TRANSAS HONG KONG LTD.

tel.: +852 2815 1603
 fax: +852 2815 1690
 e-mail: info@transas.com.hk
 internet: www.transas.com.hk

TRANSAS MIDDLE EAST

tel.: +97 14 324 5360
 fax: +97 14 324 5361
 e-mail: tme@transas.com
 internet: www.transas.com

TRANSAS BENELUX

tel.: +31 10 428 5599
 fax: +31 10 428 5590
 e-mail: benelux@transas.com
 internet: www.transas.com

TRANSAS HELLAS LTD.

tel.: +30 210 899 5164
 fax: +30 210 899 5218
 e-mail: hellas@transas.com
 internet: www.transas.com

TRANSAS BLACK SEA

tel.: +90 216 337 0852
 fax: +90 216 337 0852
 e-mail: blacksea@transas.com
 internet: www.transas.com

TRANSAS MEDITERRANEAN SAS

tel.: +33 (0) 4 89 86 41 00
 fax: +33 (0) 4 89 86 41 29
 e-mail: med-sales@transas.com
 internet: www.transas.com



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TRANSAS T-55 AIS/GPS Receiver



THE COMPLETE NAVIGATION SYSTEM



The Transas T-55 AIS is an Automatic Identification System (AIS) receiver and GPS, creating a full navigation system in one unit. Transas T-55 AIS makes it possible to navigate and display all SOLAS ships (Merchant ships) with AIS (Safety Of Life At Sea, a regulation from the International Maritime Organisation) as well as several other ships equipped with AIS.

Transas T-55 AIS gives you an accurate position via the built in GPS. It will provide a collision avoidance tool and

Transas T-55 AIS provides you with

- An anti collision tool
- Information about merchant ships with AIS
- Navigation warnings from AIS stations
- Accurate position from built in GPS
- Enhanced navigational safety
- AIS presentation
- Dual channel reception
- Metrological data with AIS from weather stations
- NMEA compatibility
- Simple connection and setup

also make it possible to see behind islands and bends as well as to identify Aids to Navigation devices like buoys and lighthouses. It will be a complement to your navigation during darkness and low visibility.

Transas T-55 AIS is the latest product for the pleasure craft market and brings enhanced safety and a whole new dimension to navigation. The high performance, low cost, GPS-AIS receiver unit, that provides reception of AIS data at a fraction of the cost of a conventional AIS transponder.



General Description

With the Transas T-55 AIS you can display any AIS equipped vessel within VHF range on any type of AIS adapted display system. Information transmitted from vessels fitted with AIS Transponders includes name, call sign, position, heading, speed, destination, type and size of vessel. The Transas T-55 AIS is compatible with any chart/ECS and radar system capable of accepting standard NMEA 0183 AIS sentences. The installation is quick and simple, requiring only the connection to a VHF antenna, GPS antenna and computer (PC). Transas T-55 AIS is the perfect complement to a radar and has an international standardized interface to Transas Electronic Chart System (ECS) or Navi-Radar 3000-I (Chart Radar).

TECHNICAL SPECIFICATIONS

Transas T-55 AIS is a compact dual channel synthesised VHF receiver designed to receive and decode transmissions from stations fitted with AIS.

Electrical

Power supply range: 9 - 15 Volts DC

Power consumption: 1.5 W

Data output

Baud rate: 38400 output

Format: NMEA 0183

Output message: VDM, RMC

Receiver

Frequency: AIS1 161.975 MHz

AIS2 162.025 MHz

Sensitivity : -112dBm

Antenna impedance : 50 ohms

GPS

12 independent tracking channels

Position accuracy better than 6 m (2 DRMS)

Physical

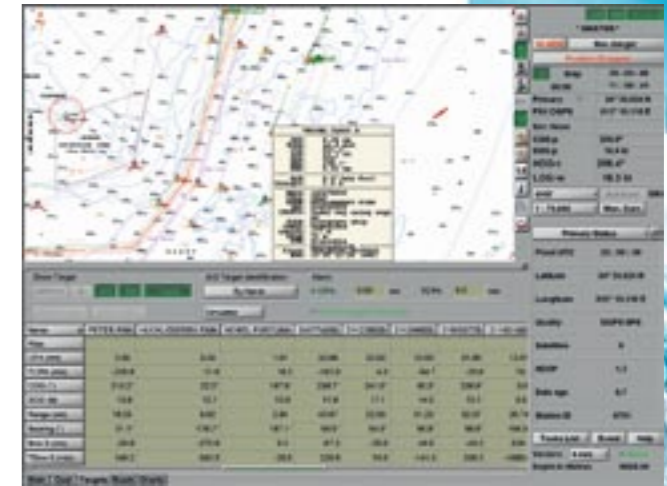
L x W x H: 136 x 98 x 38 (mm)

Weight: 400g

Connectors: Antenna BNC VHF

Antenna TNC GPS

Output/Input port: 9 pin D-sub



SYSTEM DIMENSIONS

