

TT-3000SSA Capsat® Ship Security Alert System



Features

- SOLAS Regulation XI-2/6
- One time cost only. No additional start up fee or subscription fees - depending on LES.
- Based on the existing Inmarsat-C service, which is recognized for its unique role in maritime safety.
- Total flexibility in routing to e-mail addresses, anti piracy centres, GSM phones, Fax and Telex.
- Type Approved by Inmarsat for maritime installation.
- Elevation -15° ensuring operation even in high sea.
- Approved by all major Classification Societies.

Description

The TT-3000SSA Capsat® Ship Security Alert System is based upon the well-known and reliable Inmarsat-C technology from Thrane & Thrane, which for more than a decade has been part of the Global Maritime Distress and Safety System.

Based on the Inmarsat-C service TT-3000SSA Capsat® Ship Security Alert System offers robustness, reliability, ease of use and coverage of A3 area.

The standard TT-3000SSA Capsat® Ship Security Alert System package consist of an easyTrack unit with a 20 meter* transceiver cable and an interconnection box. Besides that, two alert buttons and one test button that can be installed up to 50 meters▲ away from the interconnectionbox are included.

Keeping track of the vessel at all times is also possible by activating position reporting, Capsat® TT-3000SSA is then capable of reporting its GPS position to a network of your choice at given intervals.

TT-10220SSA Capsat® Manager
The TT-3000SSA accompanied with the TT-10220SSA Capsat® Manager software gives the user the possibility of vessel monitoring, vessel tracking, SSA alert notifications and remote configuration of the SSA alert destination addresses.

* 50 meter cable can be supplied as an option

▲ Up to 150 meter (max.)

Specifications

Approvals:

Inmarsat approved. RTTE CE Marked
Compliant to:
- FCC, title 47 part 25, section 25.216
- SOLAS Regulation XI-2/6.

Internal Antenna:

Inmarsat-C/GPS omnidirectional antenna. RHC polarized.
G/T – 23.7dB/K & EIRP 7 dBW at 5° elevation.
Coverage + 90° - -15°.

Recommended Transceiver Cable:

5 meters
10 meters
20 meters
50 meters

Operating Frequencies:

Rx freq. Band:
1525.0 - 1545.0 MHz
Tx freq. Band:
1626.5 - 1646.5 MHz
GPS 1575.42 MHz.
Channel Spacing:
2.5 / 5 kHz

Data Rate:

Tx 300 and 600 bit/s, Rx 600bit/s.

Terminal Interface:

RS-232 w. hardware flow control. 4800 - 115200

Baud. VT-100 mode.

Internal GPS:

12- Channels. 1 sec update rate. 15 m. RMS accuracy.

Power Source:

10.5 - 32 V floating DC, min. 16 VDC required for 50 m transceiver cable!

Power Consumption:

RX 1.8W / TX 23 W (12V DC supply)

Power Output:

3.3V DC /100mA, output for terminal equipment

Ambient Temperature:

-35°C to 70°C operating -40°C to 80°C storage.

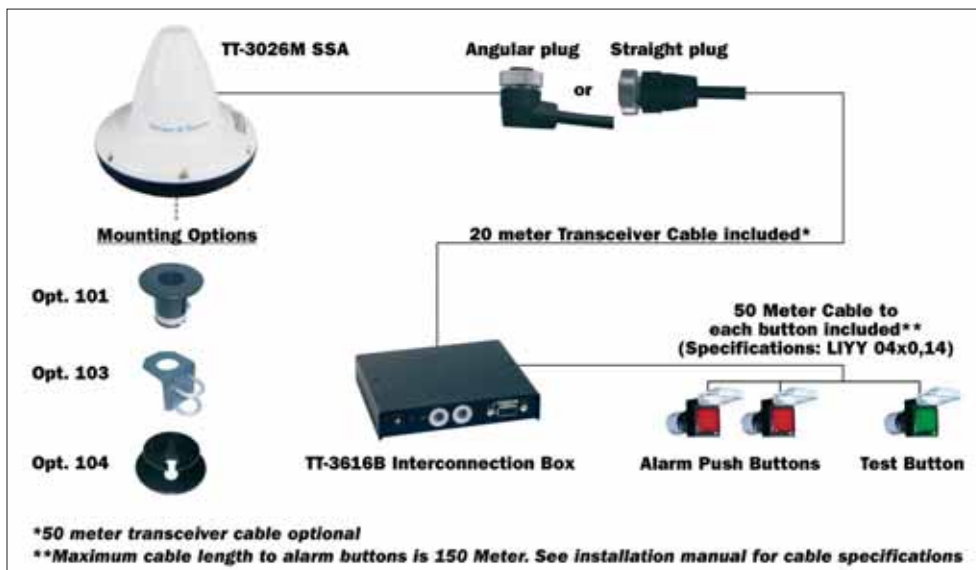
Dimensions:

Ø: 163mm, H: 146.2mm (Ø: 6,4", H: 5,8")

Weight:

1.1 Kg (2,4 lb)

- Our products are under continuous research and development. This information may therefore change without prior notice. Capsat is a registered trademark of Thrane & Thrane A/S, Denmark.



Distributor: