

Numero Verde
800-001315

www.thurayaitalia.it

THE ULTIMATE SATELLITE PHONE AT SEA

SF 2500



THURAYA
MARINECOMMS



Reliable

Reliable

- Excellent voice quality
- Thuraya coverage area is more than two-thirds of the global coverage
- GPS tracking & emergency alert function



Robust

Robust

- Built for extreme conditions
- High temperature and humidity tolerance



Economical

Economical

- Affordable voice and SMS communication



Simple

Simple

- Easy-to-install
- Small but powerfull antenna



Smarter communication within your grasp



The SF2500™ is a voice satellite terminal with a built-in GPS tracking system specially designed for reliable performance in the harsh maritime environment. This affordable, easy-to-install and user-friendly terminal enables users to make satellite voice calls to any phone in the world.

The SF2500™ supports SMS services through its easy-to-use menu on the large colour LCD screen. An Alert button is available to notify pre-configured contacts during a possible emergency. When the Alert button is activated, the SF2500™ can immediately send a pre-determined alert message which includes the time-stamped GPS coordinates of the position up to three preset contacts for emergency response.

The SF2500™ is truly a robust, versatile and cost effective solution for medium-size to small fishing vessels, pleasure boats, merchant boats and any other sea vessels.

Applications

- *Supports communication needs of fishing vessels, leisure boats and large vessels*
- *Coastal surveillance*
- *Fleet management*



Features and Functions

Base Terminal

- Supports basic telephony functions, Calling Line Identification Presentation (CLIP) and Short Message Services(SMS)
- Phone book
- Call log: last 5 missed, received and dialed calls each with date and time stamps
- Menu-driven graphical user interface with 65K colors, 220 x 176 pixels, 2" TFT LCD screen
- MMI in English and Chinese and Bahasa Indonesia
- Back-lit keypad
- Desk and wall mounting
- Alert button for triggering an emergency alert to pre-configured contacts via SMS or GmPRs
- An external input port for an optional extra alert button
- Ringer output port
- Configurable to support
 - Automatic Position Reports (APR)
 - Polling for an on demand position report
 - Geo-fencing. Up to 10 polygon areas can be configured. Sends an alert when the vessel enters or leaves an area
 - Over-the-air update of system configuration parameters

Antenna Passiva TSI

- Omni-directional active Thuraya certified antenna with built-in active GPS antenna
- Up to 7 metres of LMR240 (or equivalent) co-axial satellite antenna cable



General specifications

Voice

SMS: up to 160 characters

Size

Base Terminal [L x W x H]: 205mm x 190mm x 80mm
Passive Antenna: 95mm (Dia.) x 150mm (H)
Active Antenna: 210mm (Dia.) x 180mm (H)

Weight

Base Terminal: 1.1kg
Passive Antenna: 300g
Active Antenna: 1.7kg

Power Supply and Consumption

DC input range (isolated): 10.8 – 31.2 VDC
Power (max): 10 W

Environmental Conditions

Operating humidity: up to 95%
(non-condensing) at 40°C

Operating Temperature:
Base Terminal: -10°C ~ +55°C
Antenna: -25°C ~ +55°C

Storage Temperature:
Base Terminal: -20°C ~ +70°C
Antenna: -40°C ~ +80°C

Ingress Protection Rating:
Base Terminal: IP30
Antenna: IP66

GPS Specifications

Number of tracking channels: 20 (SiRF Star-III)
Position accuracy: <10m 95%
Time to First Fix:
Hot start: <1 second
Warm start: <30 seconds
Cold start: <35 seconds

Interfaces

- Alert Button
- Satellite antenna connector (N-Type female)
- GPS antenna connector (TNC female)
- Corded handset connector (RJ9)
- SIM card connector
- RS232 connector (DB-9)
- DC Power supply input socket
- Power On/Off switch
- External Ringer output port
- External Alert button input port
- Mini-USB (This is ONLY for maintenance purpose).



Low Latency



Light Weight



Plug-and-Play



GPS



Congestion Free



Active Antenna
Connector

Thuraya Coverage Area

Thuraya is a leading international mobile satellite services operator that provides quality and value communications solutions in more than 140 countries across Europe, Africa, the Middle East, Asia and Australia. Thuraya offers state-of-the-art satellite communications solutions for vertical sectors such as energy, media, government, NGOs and maritime.

Thuraya's robust, powerful satellite network enables two-thirds of the globe's population to communicate clearly and effectively in areas underserved by terrestrial networks whether they are on land, in the air or at sea.

