PRODUCT BRIEF

Intellian[®] FB250

Small Marine FleetBroadband Antenna System

Intellian FB250 enables the opportunity to enter the broadband arena for large commercial vessels providing all the required functionalities for large commercial vessel systems. A low initial investment and the per MB pricing of the Inmarsat FleetBroadband service will reduce the communication cost despite the increase in functionality and frequency of use. Users can be confident that the rugged and reliable design engineered for professional use means it will take on any harsh marine environment.

- Inmarsat's global broadband I4 satellite coverage
- Simultaneous Voice and data service
- Compact and reliable hardware powered by Thrane & Thrane
- IP connection for e-mail & internet / intranet access including secure VPN
- Data rates up to 284 kbps (up to 128 kbps for Streaming IP)
- Various matching dome solutions to Intellian i-Series (Marine Satellite TV Antenna System)
- Competitive & customized Intellian Inmarsat airtime*

For more information, visit www.intelliantech.com



Small Global Maritime Terminal

With 9 lbs weight and 11 inch height, Intellian FB250 is a compact FleetBroadband maritime terminal.

Data & Voice Simultaneous Access

With 284kbps data rates, FB250 provides simultaneous access to data services, voice and text messaging.

Reliable Hardware

Powered by Thrane & Thrane FleetBroadband 250 solution, which has unrivalled experience in satellite communications, you can be confident of both the quality of the equipment and the support behind it.

Global Service Network

As a global solution, not only can you access anyone of Intellian's global distributors for service, but the Intellian FB250 also benefits from Thrane & Thrane's highly regarded network of Onboard Service Centres (OSC) over 40 locations around the world.

IP Handset

The rugged new plug-and-play IP Handset provides an intuitive user interface on a 2.2" TFT color screen and cutting-edge technology, such as a echo cancellation and noise suppression software ensuring excellent audio clarity.

Various Matching Dome Solution

Various matching size domes are available for Intellian FB250 together with Intellian i-Series (i3, i4, i6), satellite TV antenna systems. Now you can select a perfectly matched dome for the best appearance of your vessel.

Practical & Affordable Intellian Airtime

Intellian airtime package price starts as low as \$56 per month. Hardware and airtime bundle package is available with additional discounts.

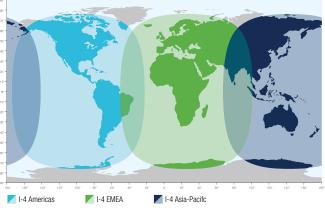
* Intellian airtime package details at,

www.intelliantech.com/airtime



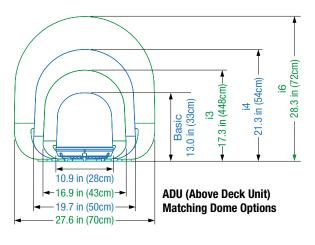
Intellian[®] FB250

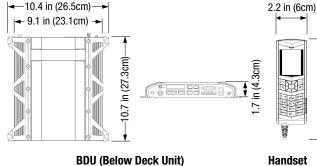
Inmarsat FleetBroadband Global Coverage



This map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

System Dimensions





BDU (Below Deck Unit)



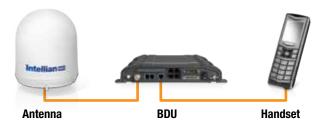
ISO 9001 Certified For more info, visit intelliantech.com Americas Intellian Technologies USA, Inc. 9004 Research Drive Irvine, CA 92618, USA Tel +1-949-727-4498 +1-888-201-9223 Toll Free +1-949-271-4183 Fax Email info@intelliantech.com

6.0 in (15.2cm)

Technical Specifications

Intellian FB250Immarsat FleetBroadband 250 Marine Satellite Communication Antenna SystemDimension and Weight13.0 x ø10.9 in (32.9 x ø27.6 cm) / 9.3 lbs (4.2kg)ADU10.7 x 10.4 x 1.7 in (27.3 x 26.5 x 4.3 cm) / 5.5 lbs (2.5kg)Matching Options13 matching14 matchingBadome Height17.3 in (44cm)21.3 in (54cm)28.3 in (72cm)Radome Diameter16.9 in (43cm)19.7 in (50cm)27.6 in (70cm)Environmental Conditions-13°F to +131°F (-25°C to +55°C)0perating Temperature-13°F to +131°F (-25°C to +55°C)Operating Temperature-13°F to +131°F (-25°C to +55°C)0perating TemperatureImmarsat FleetBroadband / RTTE/ CE/ FCCWater IngressInmarsat FleetBroadband / RTTE/ CE/ FCCWarranty2 Years Parts and 1 Year LaborGlobal ServicesUp to 284 kbpsStreaming IP32, 64, 128 kbpsStreaming IP32, 64, 128 kbpsSMSUp to 160 charactersFaxGroup 3 (via 3.1 kHz Audio)For detailed pricing visit www.intelliantech.com/airtimeFrequency BandInsareat airtime by IntellianTx1626.5 MHz – 1559.0 MHzTx1626.5 MHz – 1660.5 MHzCh. Width[Rx] 10.5 - 189 kHz, [Tx] 21 - 189 kHzPower Supply and Consumetion167.00 420 000 (solated)Deume10 - 32V DC (isolated)Deume10 - 32V DC (isolated)	Product Model	Specification			
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	Power Supply and Consur	nption			
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Power (max) 150W @ 10 - 32V (including antenna)			10 - 32V DC (isolated)	

System Diagram



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