

Intellian® FB500

Ultimate Marine FleetBroadband Antenna System

Intellian® FB500 is set to revolutionize ship operation and welfare with the fastest but cost-effective FleetBroadband service. It is designed specifically for intensive use on board merchant and offshore vessels whilst being ideally suited to large fishing and workboat applications at the same time.

- Inmarsat's global broadband I4 satellite coverage
- Simultaneous Voice and data service
- Reliable hardware powered by Thrane & Thrane
- IP connection for e-mail and internet / intranet access including secure VPN
- Data rates up to 432 kbps (up to 256 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



Ultimate Global Maritime Terminal

With 35 lbs weight and 24 inch height, Intellian FB500 is a compact FleetBroadband maritime terminal.

Data & Voice Simultaneous Access

With 432 kbps data rates, FB500 provides simultaneous access to data services, voice and text messaging.

Reliable Hardware

Powered by Thrane & Thrane FleetBroadband 500 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 FB500 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 an echo cancellation and noise suppression software ensuring excellent audio clarity.

Various Matching Dome Solution

Various matching size domes are available for Intellian FB500 together with Intellian i-Series (i6, i9) and t110, satellite TV antenna systems. Now you can select a perfectly matched dome for the best appearance of your vessel.

Practical & Affordable Intellian Airtime

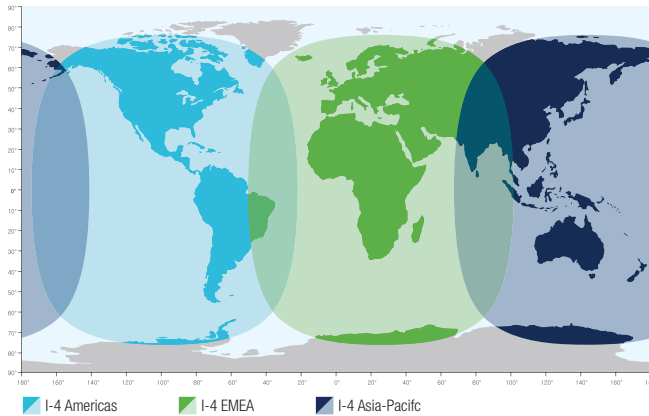
Intellian airtime package price starts as low as \$56 per month. Hardware and airtime bundle package is available with additional discounts.

* [Intellian airtime package details at,](http://www.intelliantech.com/airtime)

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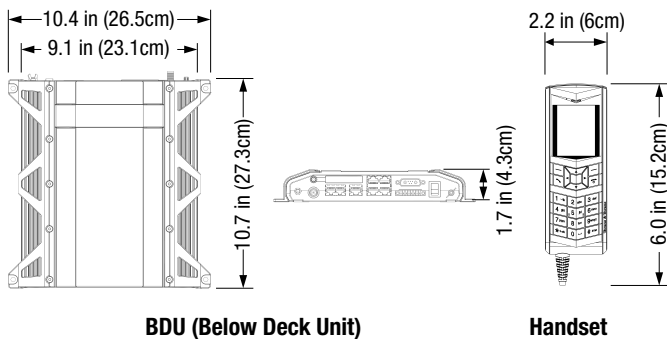
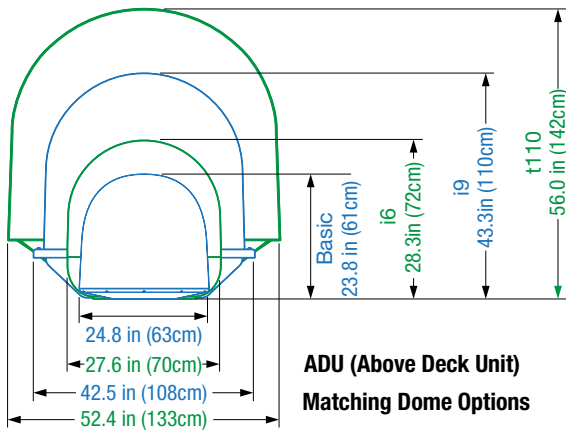
Intellian® FB500

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.

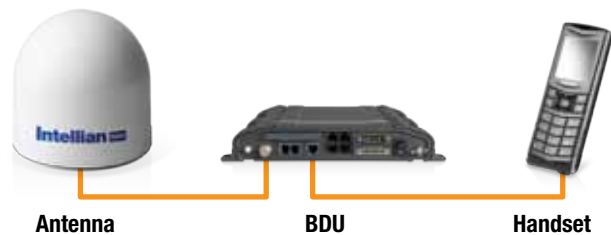
System Dimensions



Technical Specifications

Product Model	Specification
Intellian FB500	Inmarsat FleetBroadband 500 Marine Satellite Communication Antenna System
Dimension and Weight	
ADU	23.8 x ø24.8 in (60.5 x ø63.0 cm) / 35.3 lbs (16.0kg)
BDU	10.7 x 10.4 x 1.7 in (27.3 x 26.5 x 4.3 cm) / 5.5 lbs (2.5kg)
Matching Options	
	i6 matching i9 matching t110 matching
Radome Height	28.3 in (72cm) 43.3 in (110cm) 56.0 in (142cm)
Radome Diameter	27.6 in (70cm) 42.5 in (108cm) 52.4 in (133cm)
Environmental Conditions	
Operating Temperature	-13°F to +131°F (-25°C to +55°C)
Operating Humidity	[ADU] EN60945, [BDU] 95% non-condensing at +40°C
Water Ingress	IPX6
Approvals	Inmarsat FleetBroadband/ RTTE/ CE/ FCC
Warranty	2 Years Parts and 1 Year Labor
Global Services	
Voice	Digital 4 kbps Voice, 3.1kHz Audio
Standard IP	Up to 432 kbps
Streaming IP	32, 64, 128, 256 kbps
SMS	Up to 160 characters
Fax	Group 3 (via 3.1 kHz Audio)
Airtime Service	Inmarsat airtime by Intellian
	For detailed pricing visit intelliantech.com/airtime
Frequency Band	
Rx	1525.0 MHz – 1559.0 MHz
Tx	1626.5 MHz – 1660.5 MHz
Ch. Width	[Rx] 10.5 - 189 kHz, [Tx] 21 - 189 kHz
Power Supply and Consumption	
DC Input Range	10 - 32V DC (isolated)
Power (max)	150W @ 10 - 32V (including antenna)

System Diagram



ISO 9001 Certified
 For more info, visit intelliantech.com

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