

TracPhone® FleetBroadband



Maritime Satellite Communications



Key Features and Attributes

- Fully automatic operation and dynamic stabilization, even in the roughest seas
- Worldwide coverage for high-speed Internet, voice, and fax services via Inmarsat, the world leader in maritime satellite communications
- Versatile IP handset for easy system use and configuration
- Data rates up to 432 Kbps
- Airtime plans to fit all needs through Inmarsat airtime services provided by KVH
- Convenient shipwide integration with PABX systems
- Four different dome sizes to suit virtually any vessel

TracPhone FB250 and FB500 – powerful, global communications solutions for virtually any vessel.

Up-to-date navigational data, real-time communications, your crew's safety and morale – they all require true broadband connections that are available everywhere your vessels operate. To help your crews complete their missions safely and efficiently, make sure every one of your vessels is equipped with a next-generation, global communications center using KVH's TracPhone FB250 or FB500 and FleetBroadband service provided by KVH, the world's most trusted leader in satellite communications.

KVH and Inmarsat offer the best global communications solutions for your needs.

Using Inmarsat's FleetBroadband service, KVH's TracPhone FleetBroadband antennas offer data rates up to 284 Kbps with the TracPhone FB250 or 432 Kbps with the TracPhone FB500, with antennas as small as 10.6" in diameter! Rely on global access to simultaneous voice and high-speed data services so you can send and receive e-mail with large attachments, run complex data applications, access corporate networks, and enjoy crystal-clear calls more affordably than ever before.

The TracPhone FB250 and FB500 are also easily added to virtually any size vessel. Enjoy the flexibility of choosing from four antenna sizes to ensure a perfect fit for your vessels along with a range of affordable airtime plans to fit each vessel's individual needs. These systems are easy to use and configure via the versatile IP handset, and are fully compatible with other onboard applications for a seamless digital ship. With Inmarsat's proven reliability and KVH's fully stabilized systems, you can count on crystal-clear connections – even in the most challenging sea conditions.



TracPhone FB250



TracPhone FB500



System Diagram



Antenna



Below-decks Unit



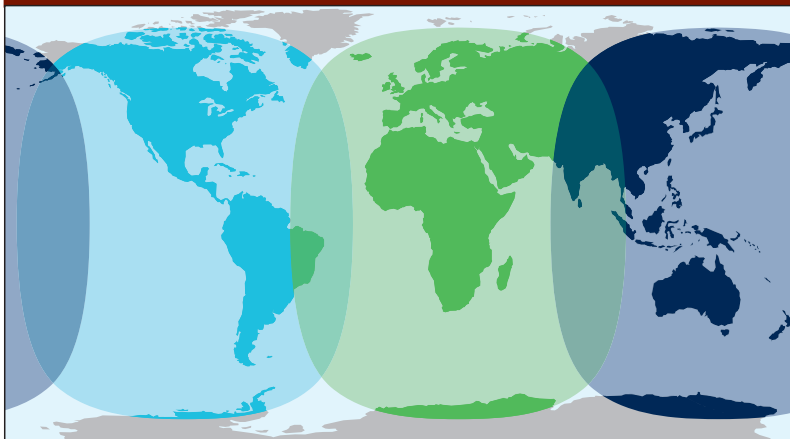
IP Handset

Service	Inmarsat FleetBroadband	Inmarsat FleetBroadband
Antenna Diameter	10.6" (27 cm) – Compact 18.9" (48 cm) – M5 Matching	26" (66 cm) – M7 Matching 35" (89 cm) – M9 Matching
Antenna Height	11.8" (30 cm) – Compact 20.8" (53 cm) – M5 Matching	27.2" (69 cm) – M7 Matching 38.9" (99 cm) – M9 Matching
Antenna Weight	11 lbs (5 kg) – Compact 19.8 lbs (9 kg) – M5 Matching	39.7 lbs (18 kg) – M7 Matching 77.2 lbs (35 kg) – M9 Matching
Power Supply & Consumption (including antenna)	DC input (isolated) 10-32 VDC power (max), 150 W @ 10-32 VDC	DC input (isolated) 10-32 VDC power (max), 150 W @ 10-32 VDC
Voice	Digital 4 Kbps voice and digital 3.1 kHz audio	Digital 4 Kbps voice and digital 3.1 kHz audio
Fax	Group 3 fax via 3.1 kHz audio	Group 3 fax via 3.1 kHz audio
Standard IP	Up to 284 Kbps	Up to 432 Kbps
Streaming IP	8, 16, 32, 64, 128 Kbps	8, 16, 32, 64, 128, 256 Kbps
SMS	Standard 3G (up to 160 characters)	Standard 3G (up to 160 characters)
SIM Card	Removable	Removable
Velocity Acceleration-compatible	Yes	Yes
ISDN	N/A	64 Kbps
Billing Method	See Rate Sheet at www.kvh.com/inmarsatairtime	
Matching TracVision Satellite TV System	TracVision M5	TracVision M7 or M9

Inmarsat FleetBroadband approved. Meets RTTE, FCC, and CE requirements.

For detailed tech-specs visit www.kvh.com/FB250mil or www.kvh.com/FB500mil and click on Additional Documents, Lists & Forms.

Inmarsat FleetBroadband Coverage Map



I-4 Americas

I-4 EMEA

I-4 Asia Pacific

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. FleetBroadband coverage February 2009.

Add satellite TV for the most complete solution!

KVH offers a range of TracVision® satellite TV antenna systems to further boost crew morale. Choose the TracVision M9 for near-global television, the TracVision M5/M7 for regional use, or the TracVision HD7 for DIRECTV® HD.

Visit www.tracvision.com for details.



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