

TracPhone® FleetBroadband Maritime Satellite Communications



Broadband for a mobile planet™



TracPhone FB250 and FB500 – powerful, global commercial-grade communications solutions for virtually any vessel

The safe operation of your vessel, up-to-date navigational data, crew morale, the demands of modern business – they all require powerful, real-time communications wherever you operate. Equip your vessel with a next-generation, global communications center using KVH's TracPhone FB250 or FB500 satellite communications antenna systems along with FleetBroadband's services from Inmarsat.

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

Using Inmarsat's FleetBroadband service, KVH's TracPhone FB250 offers data rates up to 128 Kbps, and FB500 offers data rates up to 432 Kbps. These powerful connections are made possible by Inmarsat's I-4 network of mobile communications satellites. Rely on global access to simultaneous voice and high-speed data services so you can send and receive email with large attachments, run complex data applications, access corporate networks, and enjoy crystal-clear calls more affordably than ever before.

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
- Versatile IP handset for easy system use and configuration
- Data rates up to 432 Kbps (FB500)
- Airtime plans to fit all needs when you purchase Inmarsat Airtime Services from KVH
- Convenient shipwide integration with PABX systems
- Four different dome sizes to suit virtually any vessel

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 vessel, along with a range of affordable airtime plans to fit your 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 KVH's fully stabilized systems, you can count on crystal-clear connections – even in the most severe weather.



TracPhone FB250

TracPhone FB500



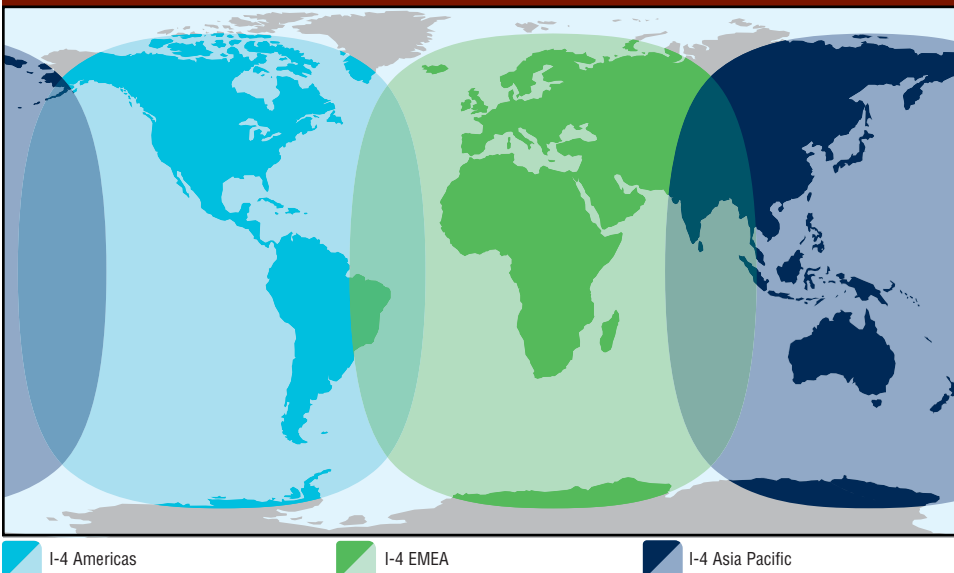
System Diagram



Service	Inmarsat FleetBroadband	Inmarsat FleetBroadband
Antenna Diameter	27 cm – Compact 48 cm – TV5 Matching	66 cm – TV6 Matching 89 cm – TV8 Matching
Antenna Height	30 cm – Compact 53 cm – TV5 Matching	69 cm – TV6 Matching 99 cm – TV8 Matching
Antenna Weight	5 kg – Compact 9 kg – TV5 Matching	18 kg – TV6 Matching 35 kg – TV8 Matching
Power Supply & Consumption (including antenna)	DC input (isolated) 10-32V DC power (max), 150 W @ 10-32V	DC input (isolated) 10-32V DC power (max), 150 W @ 10-32V
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	32, 64, 128 Kbps	32, 64, 128, 256 Kbps
SMS	Standard 3G (up to 160 characters)	Standard 3G (up to 160 characters)
SIM Card	Removable	Removable
ISDN	N/A	64 Kbps
Billing Method	See Rate Sheet at www.kvh.com/inmarsatairtime	
Recommended TV Antenna	TracVision TV5	TracVision TV6 or TV8

Inmarsat FleetBroadband approved. Meets RTTE, FCC, and CE requirements.
For detailed technical specifications visit www.kvh.com/FB250comm or www.kvh.com/FB500comm and click on "Specifications."

FleetBroadband Coverage Map



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 TV8 for near-global television, TracVision TV1/TV3/TV5/TV6 for regional use, the TracVision HD7 for DIRECTV® HD, and the TracVision HD11 for the ultimate in global HDTV.

Visit www.tracvision.com for details.



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