

# TracPhone® FleetBroadband Maritime Satellite Communications

Broadband for a mobile planet™



## Key Features and Attributes

- Fully automatic operation and dynamic stabilisation, 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.
- No fixed monthly fees and affordable service with KVH as the provider.
- Convenient shipwide integration with PABX systems.
- Four different dome sizes to suit virtually any vessel.



\*Following successful launch of Inmarsat I-4 satellite for Pacific coverage in late 2008.

**Choose TracPhone FB250 and FB500 for 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. KVH now offers just that, in a smaller, lighter, more affordable package than ever before, with the TracPhone FB250 and FB500 satellite communications systems.

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

Using Inmarsat's new FleetBroadband service, the TracPhone FB250 and FB500 from KVH offer data rates up to 432 Kbps, with antennas as small as 27 cm diameter! These powerful connections are made possible by Inmarsat's new I-4 network and the most powerful mobile communications satellites ever launched. From these orbital locations high above the equator, they provide global coverage for FleetBroadband service.

Rely on constant, simultaneous access to 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. Equip your vessel with a next-generation, global communications center using KVH's TracPhone FB250 or FB500 along with FleetBroadband's services from Inmarsat, the world's leading and most trusted satellite service provider.

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 Inmarsat's proven reliability and KVH's fully stabilised systems, you can count on crystal-clear connections – even in the most severe weather.





Service	Inmarsat FleetBroadband	Inmarsat FleetBroadband
Antenna Diameter	27 cm – Compact 48 cm – M5 Matching	66 cm – M7 Matching 89 cm – M9 Matching
Antenna Height	30 cm – Compact 53 cm – M5 Matching	69 cm – M7 Matching 99 cm – M9 Matching
Antenna Weight	5 kg – Compact 9 kg – M5 Matching	18 kg – M7 Matching 35 kg – M9 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
Velocity Acceleration-compatible	Yes	Yes
ISDN	N/A	64 Kbps
Billing Method	For detailed pricing visit <a href="http://www.kvh.com/inmarsatairtime">www.kvh.com/inmarsatairtime</a> and download the <i>Inmarsat Airtime by KVH Rate Sheet</i>	
Recommended TV Antenna	TracVision M5	TracVision M7 or M9



Antenna



Below-decks Unit



IP Handset

### 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 TV or TracVision M5/M7 for regional use.

Visit [www.tracvision.com](http://www.tracvision.com) for details.

Inmarsat FleetBroadband approved. Meets RTTE, FCC, and CE requirements  
For detailed tech-specs visit [www.kvh.com/FB250](http://www.kvh.com/FB250) or [www.kvh.com/FB500](http://www.kvh.com/FB500) and click on Technical Documents

### FleetBroadband Coverage Map

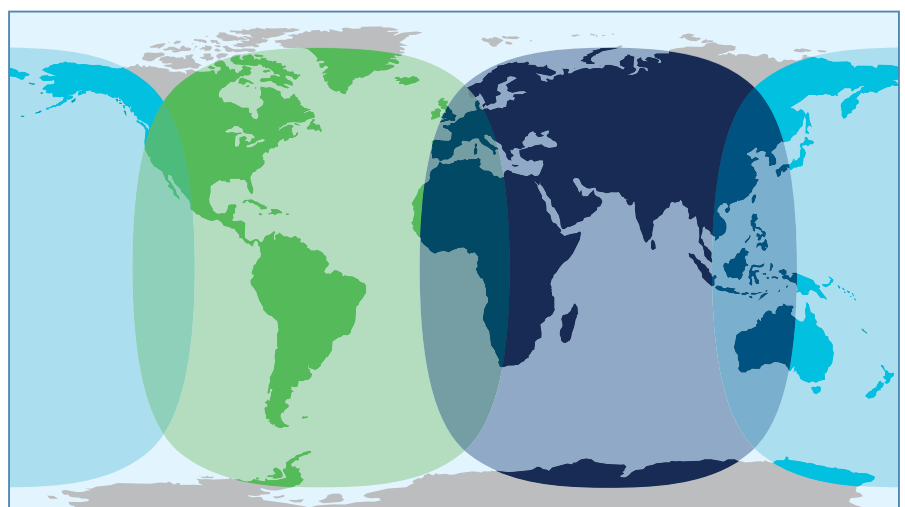
I-4 satellite F1 

I-4 satellite F2 

I-4 satellite F3 

(Inmarsat expects coverage by early 2009)

The 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.



# KVH

[www.kvh.com](http://www.kvh.com)

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