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.

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.

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
**TracPhone FB250**

- **Service**: Inmarsat FleetBroadband
- **Antenna Diameter**: 27 cm – Compact
  - 48 cm – TV5 Matching
- **Antenna Height**: 30 cm – Compact
  - 53 cm – TV5 Matching
- **Antenna Weight**: 5 kg – Compact
  - 9 kg – TV5 Matching
- **Power Supply & Consumption (including antenna)**:
  - DC input (isolated) 10-32V DC power (max), 150 W @ 10-32V
- **Voice**: Digital 4 Kbps voice and digital 3.1 kHz audio
- **Fax**: Group 3 fax via 3.1 kHz audio
- **Standard IP**: Up to 284 Kbps
- **Streaming IP**: 32, 64, 128 Kbps
- **SMS**: Standard 3G (up to 160 characters)
- **ISDN**: N/A
- **Billing Method**: See Rate Sheet at www.kvh.com/inmarsatairtime
- **Recommended TV Antenna**: TracVision TV5

**TracPhone FB500**

- **Service**: Inmarsat FleetBroadband
- **Antenna Diameter**: 66 cm – TV6 Matching
  - 89 cm – TV8 Matching
- **Antenna Height**: 69 cm – TV6 Matching
  - 99 cm – TV8 Matching
- **Antenna Weight**: 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
- **Voice**: Digital 4 Kbps voice and digital 3.1 kHz audio
- **Fax**: Group 3 fax via 3.1 kHz audio
- **Standard IP**: Up to 432 Kbps
- **Streaming IP**: 32, 64, 128, 256 Kbps
- **SMS**: Standard 3G (up to 160 characters)
- **ISDN**: 64 Kbps
- **Billing Method**: See Rate Sheet at www.kvh.com/inmarsatairtime
- **Recommended TV Antenna**: TracVision TV6 or TV8

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