

KVH®

TracPhone® FleetBroadband

Broadband for a mobile planet™




inmarsat

Product Guide

Courtesy of Elegance Yachts by Dreitmann

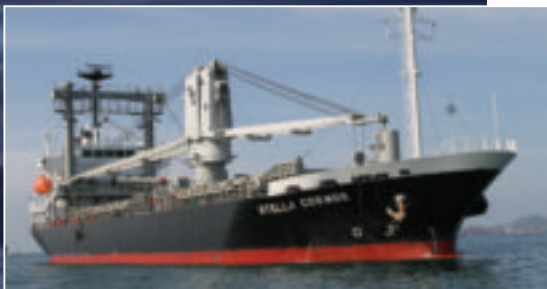


The Flexibility You Need for Superior Communications

FleetBroadband provides 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:

- Standard IP up to 432 Kbps for e-mail, Internet and connections to company networks
- Streaming IP for guaranteed data rates up to 256 Kbps on demand
- Voice connections available even as you are enjoying high-speed data access
- ISDN for global data connections at 64 Kbps (TracPhone FB500 only)
- SMS for easy, inexpensive text messaging (up to 160 characters)

Courtesy of Ship Foto



Introducing the new TracPhone FleetBroadband family

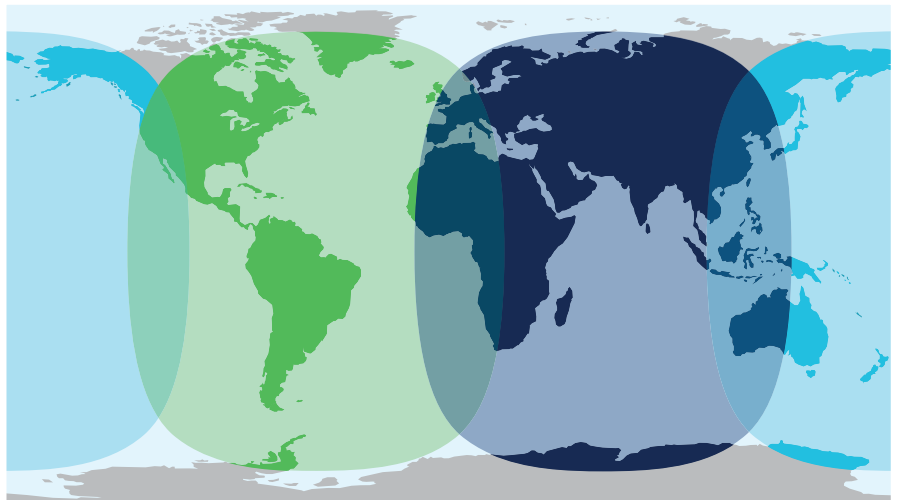
Enhanced data performance, global coverage, and outstanding voice service all in a compact, rugged, and cost-effective package

The safe operation of your vessel, up-to-date navigational data, crew morale, the demands of business in the 21st century – they all demand powerful, real-time communications wherever you travel. Now you have a new option to deliver all of this – Inmarsat's FleetBroadband service. Built upon the most advanced commercial satellites ever launched, FleetBroadband is the first maritime communications service to provide cost-effective broadband Internet and voice connections at the same time via a global network. And there's no better way to use FleetBroadband than the new rugged and reliable KVH TracPhone FB250 and FB500 systems. Together, KVH's TracPhone systems and Inmarsat's FleetBroadband service offer next-generation, high-speed Internet and voice service for demanding global maritime applications.

- Choice of TracPhone antennas sized to support installation on almost any vessel
- Data rates up to 432 Kbps
- Flexible airtime pricing
- Global network availability
- Complete compatibility with standard Internet, e-mail, and other onboard applications
- Versatile IP handset for easy system use and configuration
- Unrivaled reliability from Inmarsat, the world's leading and most trusted mobile satellite service provider

Global coverage, connecting you virtually anywhere you cruise

Inmarsat's new I-4 network uses the most powerful mobile communications satellites ever launched. From these orbital locations high above the equator, they provide global coverage for FleetBroadband service.



I-4 satellite F1

I-4 satellite F2

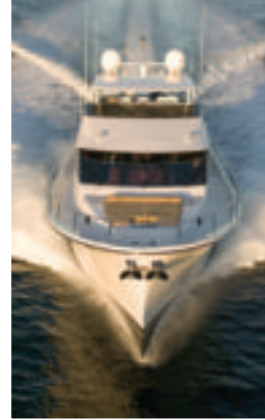
I-4 satellite F3

(Inmarsat expects coverage by end of 2008)

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.

Powerful commercial-grade hardware solutions for virtually any vessel

Enjoy the flexibility of choosing from two satellite communications terminals with a choice of size to complement your boat's other equipment. The fully stabilized TracPhone FB250 and FB500 both offer global operation and crystal-clear connections even in the most severe weather. Each system is easy to install thanks to a compact above-decks terminal and integrated below-decks unit with full system configuration using just the system's IP handset.



Courtesy of N. Rabinovitz

	TracPhone FB250	TracPhone FB500
Service	Inmarsat FleetBroadband	Inmarsat FleetBroadband
Antenna Diameter	10.6" (27 cm) – Compact 19" (48 cm) – M5 Matching	26" (66 cm) – M7 Matching 35" (89 cm) – M9 Matching
Antenna Height	11.8" (30 cm) – Compact 21" (53 cm) – M5 Matching	27" (69 cm) – M7 Matching 39" (99 cm) – M9 Matching
Antenna Weight	11 lbs (5 kg) – Compact 20 lbs (9 kg) – M5 Matching	40 lbs (18 kg) – M7 Matching 77 lbs (35 kg) – M9 Matching
Power Supply & Consumption (including antenna)	DC input (isolated) 10 to 32V DC power (max), 150 W @ 10-32V	DC input (isolated) 10 to 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 www.kvh.com/inmarsatairtime and download the <i>Inmarsat Airtime by KVH Rate Sheet</i>	
Manufacturer's Suggested Retail Price	\$12,995 – Compact \$13,495 – M5 Matching	\$19,995 – M7 Matching \$22,495 – M9 Matching
Matching TracVision® Dome	TracVision M5	TracVision M7/M9

System Diagram

The new KVH TracPhone FB250 and FB500 antenna systems offer not only powerful communications tools, but also the convenience of a simple installation. Each antenna includes a choice of two dome sizes, plus a common below-decks unit and a versatile IP telephone handset for easy system setup and use.



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

For detailed technical specifications visit www.kvh.com/FB250 or www.kvh.com/FB500 and click on Technical documents

TracPhone 252 – small and simple for voice, fax, and e-mail

Not every vessel needs a full-powered broadband connection. If you have a smaller boat or simply want an outstanding voice, fax, and e-mail solution, consider the affordable, award-winning KVH TracPhone 252 and Inmarsat's mini-M service. Visit www.tracphone.com for details.



Inmarsat Airtime by KVH

Choose KVH Industries and Inmarsat and enjoy award-winning, rugged communications systems, powerful global service, and affordable airtime. The dynamic Inmarsat FleetBroadband service offers fast, reliable services via the most powerful maritime communications satellites ever launched. And you can trust KVH, the industry leader in maritime satellite systems, for the best new products and service available – the FleetBroadband-compatible TracPhone FB250 and FB500. This complete line of maritime satellite solutions, along with outstanding airtime rates, makes KVH the best source for your marine communications needs.

Access the Internet, e-mail, and company networks even faster with KVH's Velocity Acceleration software, which provides a 200-500% increase in data speed for Inmarsat services. Optimized for use over satellite connections and fully compatible with KVH's TracPhone products, Velocity Acceleration is available to any Inmarsat equipment owner who activates their Inmarsat service through the "Inmarsat Airtime by KVH" program.

KVH – Leader in Mobile Solutions

KVH is the world's leading provider of mobile satellite communications and TV antenna systems and has been serving the marine industry since 1982. With unsurpassed tracking systems and rugged designs ideal for virtually any vessel type and size, KVH's fully stabilized antennas offer unmatched performance during all sea and weather conditions.

With more than 150,000 mobile satellite antennas fielded worldwide, KVH has supplied more satellite telecommunications and television systems for mobile applications than any other manufacturer and has won the National Marine Electronics Association's "Best Product Award" 23 times. In any harbor, anywhere around the world, you'll see the distinctive KVH antennas with gray baseplates installed on more boats than any other brand of satellite antenna. Tens of thousands of commercial and leisure mariners, along with the U.S. Coast Guard and allied naval vessels around the globe, rely on KVH's rugged satellite systems for their connections to shore, their offices, their families, and the world around them.

When you choose KVH, you choose the best!

Unsurpassed Warranty and Technical Support



Wherever you travel, you can always count on outstanding support and service through KVH's award-winning, ISO 9001:2000-certified quality, product, and customer support programs. This suite of resources includes KVH's 24/7 online support system; a responsive, international KVH support team; authorized dealers around the globe; and the exclusive KVH Certified Support Network (CSN). Plus, all of KVH's Inmarsat-compatible TracPhone systems are covered by KVH's extended 2-year parts/1-year onboard labor warranty when you choose to activate them using "Inmarsat Airtime by KVH". Limitations will apply to other activations.



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