

KVH®

TracPhone® FB-series

Broadband for a mobile planet™



Courtesy of Elegance Yachts by Dretmann



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 email 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 FB150, FB250, or FB500 along with FleetBroadband services:

- Standard IP up to 432 Kbps for email, 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)



Choose the TracPhone FB-series from KVH for global communications

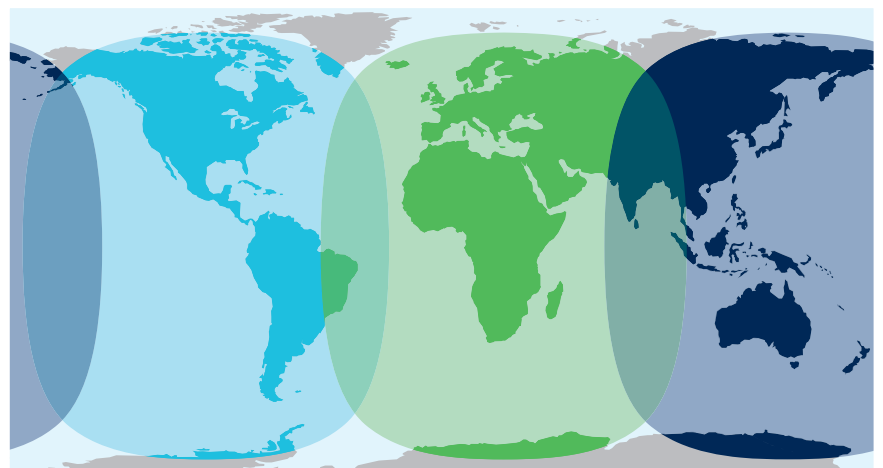
Enhanced data performance, global coverage, and outstanding voice service all in a compact, rugged, and cost-effective package


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. With KVH's TracPhone FleetBroadband antenna systems and Inmarsat's FleetBroadband service, you'll experience maritime communications services for broadband Internet and voice connections at the same time via a global network. The rugged and reliable KVH TracPhone FB150, FB250, and FB500 systems are designed for the marine environment. Together, KVH's TracPhone systems and Inmarsat's FleetBroadband service offer 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, email, and other onboard applications
- Versatile IP handset for easy system use and configuration
- Backed by KVH – the leader in maritime broadband

Global coverage, connecting you virtually anywhere you cruise

Inmarsat's 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 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.

Powerful commercial-grade hardware solutions for virtually any vessel

Enjoy the flexibility of choosing from three satellite communications terminals with a choice of size to complement your boat's other equipment. The fully stabilized TracPhone FB-series offers 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 belowdecks unit with full system configuration using just the system's IP handset.



Courtesy of N. Rabinowitz

	TracPhone FB150	TracPhone FB250	TracPhone FB500
			
Service	Inmarsat FleetBroadband	Inmarsat FleetBroadband	Inmarsat FleetBroadband
Antenna Diameter	33 cm (13")	27 cm (10.6") – Compact 48 cm (19") – TV5 Matching	66 cm (26") – TV6 Matching 89 cm (35") – TV8 Matching
Antenna Height	34 cm (13.5")	30 cm (11.8") – Compact 53 cm (21") – TV5 Matching	69 cm (27") – TV6 Matching 99 cm (39") – TV8 Matching
Antenna Weight	4.94 kg (10.9 lbs)	5 kg (11 lbs) – Compact 9 kg (20 lbs) – M5 Matching	18 kg (40 lbs) – TV6 Matching 35 kg (77 lbs) – TV8 Matching
BDU Dimensions	28 cm x 23 cm x 4 cm (11" x 9" x 1.6")	28 cm x 23 cm x 4 cm (11" x 9" x 1.6")	28 cm x 23 cm x 4 cm (11" x 9" x 1.6")
Power Supply & Consumption (including antenna)	DC Input (isolated) 10-32 VDC Power (max) 120W @ 10-32 VDC	DC Input (isolated) 10-32 VDC Power (max) 120W @ 10-32 VDC	DC Input (isolated) 10-32 VDC Power (max) 120W @ 10-32 VDC
Voice	Digital 4 Kbps voice and digital 3.1 kHz audio	Digital 4 Kbps voice and digital 3.1 kHz audio	Digital 4 Kbps voice and digital 3.1 kHz audio
Fax	eFax supported	Group 3 fax via 3.1 kHz audio	Group 3 fax via 3.1 kHz audio
Standard IP	up to 150 Kbps	up to 284 Kbps	up to 432 Kbps
SMS	Standard 3G (up to 160 characters)	Standard 3G (up to 160 characters)	Standard 3G (up to 160 characters)
SIM Card	Locked	Removable	Removable
Billing Method	For detailed pricing, visit www.kvh.com/inmarsatairtime and download the <i>FleetBroadband Airtime Rate Sheet</i> .		
Matching TracVision® Dome	TracVision TV1	TracVision TV5	TracVision TV6/TV8

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

For detailed technical specifications, visit www.kvh.com/FB150, www.kvh.com/FB250 or www.kvh.com/FB500 and click on "Specifications."



System Diagram

The KVH TracPhone FB-series antenna systems offer the convenience of a simple installation. Each antenna includes a belowdecks unit and a versatile IP telephone handset for easy system setup and use.

Choose KVH for a complete satellite communications solution

Choose KVH Industries for your FleetBroadband-compatible hardware and Inmarsat airtime service 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, an industry leading manufacturer of maritime satellite antenna systems, to offer you the best new products and services available. KVH's complete line of maritime satellite solutions, along with outstanding airtime rates, makes KVH the best source for your maritime communications needs.

Access the Internet, email, and company networks when you are out on the water with KVH's rugged, durable systems.

Unsurpassed warranty and technical support



Wherever you travel, you can always count on outstanding support and service through KVH's award-winning, ISO 9001-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, when you purchase an Inmarsat FleetBroadband-compatible TracPhone system and also purchase Inmarsat Airtime Service from KVH, you receive a 1-year parts warranty extension to KVH's standard 1 year parts/1 year labor warranty.

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 175,000 mobile satellite antennas fielded worldwide, KVH has supplied more satellite communications and television systems for mobile applications than any other manufacturer and has won the National Marine Electronics Association's Annual Product Awards for 17 consecutive years. 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 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!



K V H I N D U S T R I E S W O R L D W I D E

KVH Industries A/S
EMEA Headquarters
Kokkedal, Denmark
Tel: +45 45 160 180
Fax: +45 45 160 181
Email: info@emea.kvh.com

KVH Industries, Inc.
World Headquarters
Middletown, RI U.S.A.
Tel: +1 401 847-3327
Fax: +1 401 849-0045
Email: info@kvh.com

KVH Industries Pte Ltd.
Asia-Pacific Headquarters
Singapore
Tel: +65 6513 0290
Fax: +65 6472 3469
Email: info@apac.kvh.com

