

# TracPhone® V3

## with mini-VSAT Broadband™ Service

The Next Generation in Marine SATCOM, Here Today.



### Introducing the new TracPhone V3, changing the way you think about SATCOM at sea!



Rugged, high-performance antenna, perfect for use on tuna towers.

The revolutionary TracPhone V3 changes the game when it comes to SATCOM for your boat. At 14.5 inches in diameter, it's the world's smallest maritime VSAT antenna. With airtime rates 1/10<sup>th</sup> the cost of Inmarsat FleetBroadband, TracPhone V3 is the perfect solution for staying in touch with friends and family on shore. Enjoy surfing the web, communicating via e-mail, and calling home with a system designed for boats as small as 30 feet!

#### Key Features

- World's smallest maritime VSAT system, made possible by spread spectrum satellite technology previously only available to the military and business jets
- Download speeds as fast as 2 Mbps at only \$0.99 per MB
- Crystal-clear voice phone calls worldwide at only \$0.49 per minute
- Ultra-high efficiency antenna using RingFire™ design and groundbreaking dielectric feed rod for excellent reception even in bad weather
- Rugged, high-performance design with superior tracking and stabilization perfect for tuna towers



Best of all, it's an end-to-end solution exclusively from KVH, the leader in mobile broadband solutions. TracPhone V3 equips your vessel with a fully stabilized antenna, a powerful ArcLight® spread spectrum modem, and a sleek belowdecks antenna control unit. And for outstanding connections, you can rely on KVH's proven, global mini-VSAT Broadband service, the fastest growing maritime VSAT network and the choice of the U.S. Coast Guard. KVH is the only company that manufactures the hardware, provides the service, and assures your satisfaction with the entire solution with our industry-leading after-sale support.

#### A Truly Affordable, Ultra-compact SATCOM Solution

Boaters who wanted to stay in touch at sea now have a fantastic new option – the remarkable TracPhone V3. This ultra-compact SATCOM system offers the blazing speeds of VSAT (downloads up to 2 Mbps!) with an antenna less than half the size of the nearest competing product. And all with airtime costs of only \$0.99 per MB, voice calls worldwide at only \$0.49 per minute, and global coverage via the mini-VSAT Broadband network! Designed using KVH's RingFire antenna design and dielectric feed technology, the TracPhone V3 offers robust two-way Internet connections, a crystal-clear voice line, and a rugged, high-performance design perfect for any type of yacht and even for use on tuna towers.



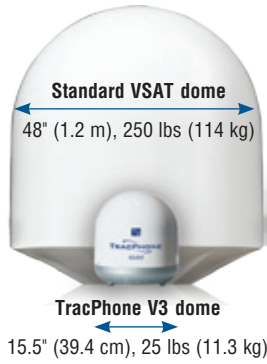
A complete, end-to-end solution that includes an ultra-compact antenna, spread spectrum modem and belowdecks antenna control unit.

**Satellite communications is now small, simple, fast, global, and affordable...all at once.**

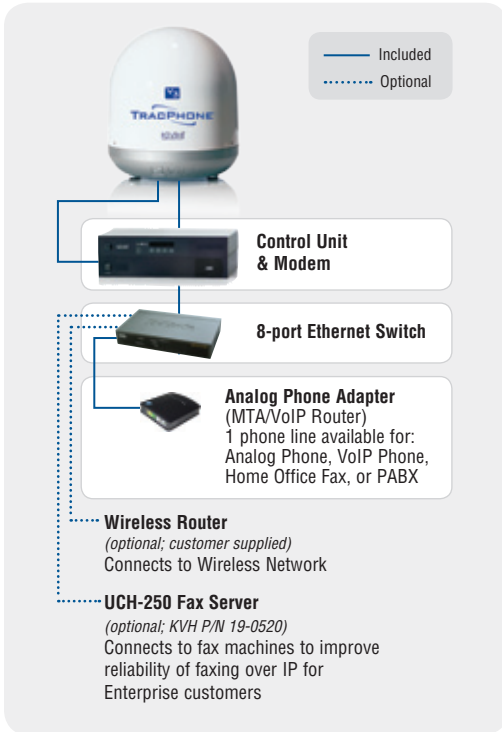
**Say hello to the new TracPhone V3!**

KVH INDUSTRIES  
**MINI-VSAT**  
BROADBAND





The KVH TracPhone V3 is 95% smaller in volume than traditional VSAT antennas and 65% smaller than a FleetBroadband FB500 antenna, making installation significantly easier and less expensive.



TracPhone V3 Antenna Unit	
<b>RX/TX Frequency Band</b>	11.70 to 12.75 GHz/14.00 to 14.50 GHz
<b>Antenna Element</b>	Gain (RX-band, min): 31.0 dBi
<b>BUC Output Power</b>	3 Watt
<b>Outside Dimensions</b>	17.5" H x 15.5" D (44.5 cm H x 39.4 cm D)
<b>Elevation Range</b>	5° to 75°
<b>Azimuth Range</b>	720° rotation
<b>Weight</b>	25 lbs (11.3 kg)
<b>Temperature</b>	Operational: -13°F to 130°F (-25°C to 55°C); Survival: -30°F to 160°F (-35°C to 70°C)
<b>Humidity</b>	IEC 60945; 104°F (40°C), 95% Humidity (non-condensing)
<b>Rain</b>	Precipitation rate of 100L/Min, w/wind speeds up to 100 knots
<b>CE Certification</b>	Complies with the specifications of EC directive 1999/5/EC Radio & Telecommunications Terminal Equipment (R&TTE), per compliance with EC directive 2006/95/EC, EMC directive 2004/108/EC and IEC 301-427

TracPhone V3 Control Unit (CU) & Modem	
<b>Dimensions (CU &amp; Modem)</b>	3U, 18.9" (48 cm) rack-mountable with optional mounting provisions
<b>Weight (CU &amp; Modem)</b>	18 lbs (8.2 kg)
<b>Temperature</b>	Operational: 32°F to 130°F (0°C to 55°C); Survival: -30°F to 160°F (-35°C to 70°C)
<b>Humidity</b>	IEC 60945; 104°F (40°C), 95% Humidity (non-condensing)
<b>Certification</b>	Complies with the specifications of EC directive 1999/5/EC Radio & Telecommunications Terminal Equipment (R&TTE), per compliance with EC directive 2006/95/EC, EMC directive 2004/108/EC and IEC 301-427
<b>Input Power</b>	Modem: 90-240 VAC, single phase power only, 50-60 Hz auto switching, 3 A max Control Unit/Antenna: 90-240 VAC, single phase power only, 50-60 Hz, 2 A max
<b>Data Outputs</b>	Ethernet: IEEE 802.3 10BASE-T/100BASE-TX, 100 Mbps
<b>IP Routing</b>	TCP/IP Routing and Network Address Translation for the Maritime LAN segment; DHCP support

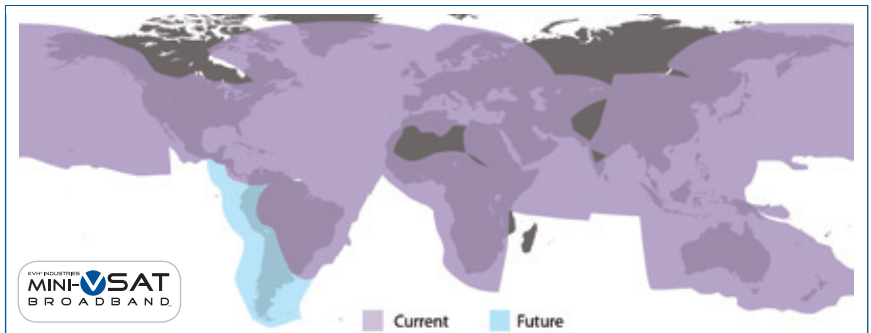
TracPhone V3 Ethernet Switch	
<b>Dimensions</b>	6.7" W x 3.9" D x 1.1" H (17 cm W x 10 cm D x 2.8 cm H)
<b>Weight</b>	1.4 lbs (0.64 kg)
<b>Standards</b>	IEEE: 802.3 Ethernet, 802.3u, 802.3x Flow Control, 802.3af (Power over Data Pairs)
<b>Ports</b>	8-port desktop switch with 4 PoE ports, up to 15.4 watts max per port, for ports 1-4 only

TracPhone V3 Satellite Communications System <sup>1</sup>	
<b>System Warranty</b>	Comprehensive 2-year parts, 1-year labor warranty supported by KVH's worldwide Certified Support Network (CSN)
<b>Pricing</b>	MSRP: \$16,995 USD   KVH Part #: 01-0335-01

<sup>1</sup> Meets Inmarsat operational, survival, and shock specifications. Meets FCC and CE requirements.  
<sup>2</sup> Case-mounted version available, contact your dealer for details.

Dealer/Distributor

mini-VSAT Broadband Coverage<sup>2</sup>



<sup>2</sup> Coverage maps are representative and may change at any time. Data rates may also vary in different regions. For complete details, visit [www.kvh.com/minivsatmap](http://www.kvh.com/minivsatmap). KVH provides no guarantees of satellite coverage or availability.



[www.kvh.com/v3](http://www.kvh.com/v3)



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