

TracPhone® V3

with mini-VSAT Broadband™ Service



Mobile, affordable, high-speed satellite communications



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

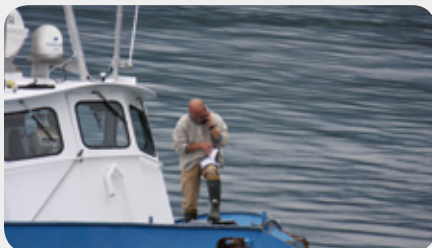


Rugged, commercial-grade design for high-performance tracking in bad weather

The revolutionary TracPhone V3 changes the game when it comes to SATCOM for your vessel or fleet. At 14.5 inches (37 cm) in diameter, it's the world's smallest maritime VSAT antenna. With airtime rates 1/10th the cost of Inmarsat, TracPhone V3 is the perfect solution for vessel operators, crew, and passengers to stay in touch with the office, port authorities, other vessels, and friends and family on shore. Mariners will experience reliable Internet connections, voice, and e-mail communications with a system designed for vessels 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 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
- mini-VSAT Broadband network provides seamless global coverage



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 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 and leading commercial fleets.

A Truly Affordable, Ultra-compact SATCOM Solution

Commercial vessel operators now have a fantastic new communications option – the remarkable TracPhone V3, an ultra-compact SATCOM system that offers the blazing speeds of VSAT (downloads as fast as 2 Mbps!) in a size previously offered only by Inmarsat. And all with airtime costs of only \$0.99 per MB, phone 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.



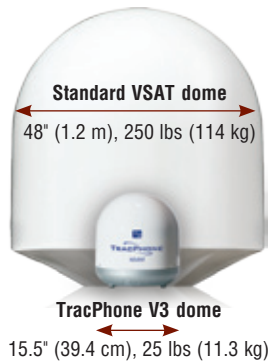
KVH's proven mini-VSAT Broadband network is the fastest-growing maritime VSAT network and the choice of the U.S. Coast Guard.

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

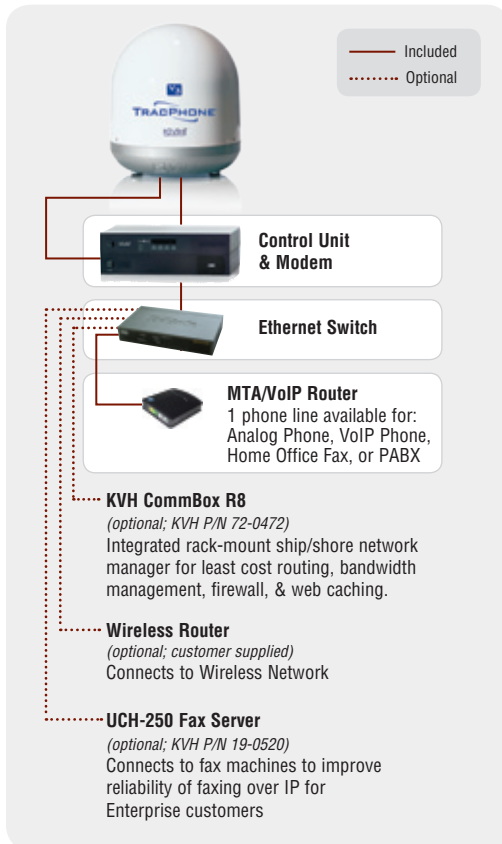
Say hello to the new TracPhone V3!

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.



Dealer/Distributor

² 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. KVH provides no guarantees of satellite coverage or availability.

TracPhone V3 Antenna Unit	
RX/TX Frequency Band	11.70 to 12.75 GHz/14.00 to 14.50 GHz
Antenna Element	Gain (RX-band, min): 31.0 dBi
BUC Output Power	3 Watt
Outside Dimensions	17.5" H x 15.5" D (44.5 cm H x 39.4 cm D)
Elevation Range	5° to 75°
Azimuth Range	720° rotation
Weight	25 lbs (11.3 kg)
Temperature	Operational: -13°F to 130°F (-25°C to 55°C); Survival: -30°F to 160°F (-35°C to 70°C)
Humidity	IEC 60945; 104°F (40°C), 95% Humidity (non-condensing)
Rain	Precipitation rate of 100L/Min, w/wind speeds up to 100 knots
CE Certification	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

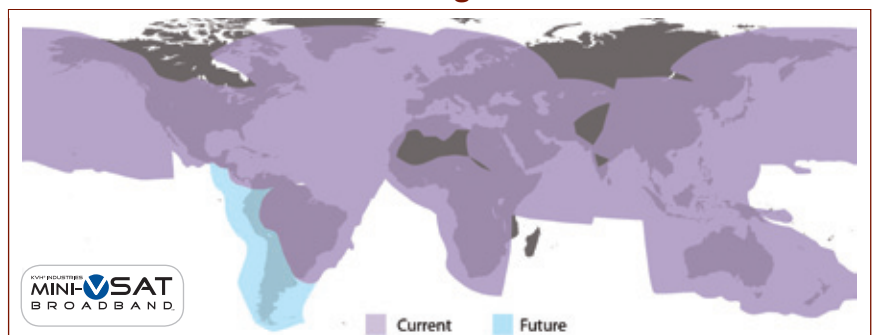
TracPhone V3 Control Unit (CU) & Modem	
Dimensions (CU & Modem)	3U, 18.9" (48 cm) rack-mountable with optional mounting provisions
Weight (CU & Modem)	18 lbs (8.2 kg)
Temperature	Operational: 32°F to 130°F (0°C to 55°C); Survival: -30°F to 160°F (-35°C to 70°C)
Humidity	IEC 60945; 104°F (40°C), 95% Humidity (non-condensing)
Certification	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
Input Power	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
Data Outputs	Ethernet: IEEE 802.3 10BASE-T/100BASE-TX, 100 Mbit/s
IP Routing	TCP/IP Routing and Network Address Translation for the Maritime LAN segment; DHCP support

TracPhone V3 Ethernet Switch	
Dimensions	6.7" W x 3.9" D x 1.1" H (17 cm W x 10 cm D x 2.8 cm H)
Weight	1.4 lbs (0.64 kg)
Standards	IEEE: 802.3 Ethernet, 802.3u, 802.3x Flow Control, 802.3af (Power over Data Pairs)
Ports	8-Port Desktop Switch with 4 PoE Ports, up to 15.4 watts max per port, for ports 1-4 only
System Warranty	Comprehensive 2-year parts, 1-year labor warranty supported by KVH's worldwide Certified Support Network (CSN)

TracPhone V3 Satellite Communications System ¹		
Pricing	MSRP: \$16,995 USD	KVH Part #: 01-0335-01

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

mini-VSAT Broadband Coverage²



www.kvh.com/v3comm



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

KVH Europe A/S
 Kokkedal, Denmark
 Tel: +45 45 160 180 Fax: +45 45 160 181
 E-mail: info@kvh.dk

KVH Norway AS
 Horten, Norway
 Tel: +47 33 03 05 30 Fax: +47 33 03 05 31
 E-mail: commboxsales@kvh.com

KVH Singapore
 Singapore
 Tel: +65 6829 2343 Fax: +65 6829 2121
 E-mail: infokvhsingapore@kvh.com

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