

TracPhone® V7



mini-VSAT BroadbandSM Satellite Communications



A rugged, reliable, and cost-effective solution for broadband Internet access that you can rely on when it matters most!

Equip your vehicles and your crew with the Internet and voice services that are critical to their success in high-stress, fast-paced emergency situations, whether they are en route or already on site. The proven mini-VSAT Broadband service brings high-quality broadband data connections and multiple lines of enhanced voice service wherever you go, along with airtime plans with the flexibility to meet your unique needs. Best of all, KVH is your sole point of contact for this all-in-one solution so you always know who to turn to for sales, activation, and support. Choose the KVH TracPhone V7 with mini-VSAT Broadband service and rely on mobile broadband the way it was meant to be!

Key Features and Attributes

- Data rates as fast as 512 Kbps for transmissions from the vehicle and as fast as 2 Mbps for inbound communications.
- Integrated enhanced voice service tailored to the specific needs of first responders and other government vehicles and optimized for use with satellite services.
- Groundbreaking spread spectrum satellite technology is ideal for heavy data use.
- Full in-motion tracking for broadband connections whether on the move or parked.
- Affordable broadband turnkey solution for reliable communications.
- Rugged, commercial-grade design tested under vibration and high/low temperature extremes even more demanding than commercial industry standards.
- Dynamic, gyro-stabilized tracking and military-grade construction.
- Choice of fixed-rate or per-megabyte subscription plans.

The TracPhone V7 with mini-VSAT Broadband service is reliable enough to count on in critical situations

This powerful service, available via the rugged 24" (60 cm) TracPhone V7 antenna, offers the kind of service you need in an emergency situation – it's reliable, easy to use, and allows you to stay up to date even when cell towers are down and land lines are out of service.

The first fully integrated mobile VSAT system, the TracPhone V7 with mini-VSAT Broadband service work seamlessly by combining innovative and revolutionary technology on three fronts: cutting edge, spread spectrum technology; an expanding satellite network; and rugged, fully stabilized antenna technology. Combined they are the ideal solution when you need heavy-duty Internet and telephone access on the move and in situations with constantly changing conditions.

For the most complete mobile satellite communications and enhanced situational awareness, be sure to pair the TracPhone V7 with coast-to-coast access to live satellite TV from KVH's TracVision® SlimLine series.



TracPhone V7 Antenna Unit	
RX/TX Frequency Band	11.70 to 12.75 GHz/14.00 to 14.50 GHz
Antenna Element	Gain (RX-band, min): 35.6 dBi
BUC Output Power	4 Watt
Outside Dimensions	27.4" H x 26.2" D (69.5 cm H x 66.5 cm D)
Elevation Range	5° to 80°
Azimuth Range	720° rotation
Weight	60 lbs (27.2 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

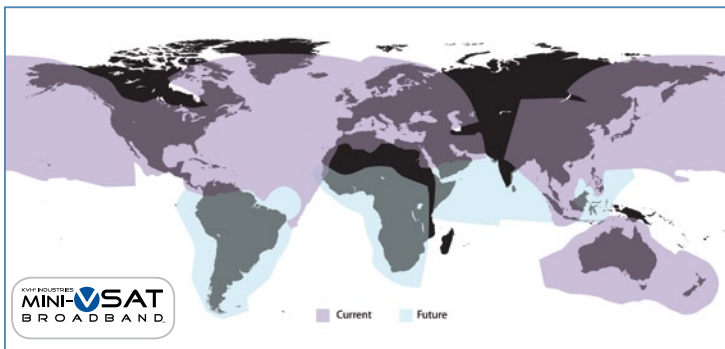
TracPhone V7 Control Unit (CU) and Modem	
Dimensions (CU & Modem)	3U, 18.9" (48 cm) rack-mountable with optional mounting provisions
Weight (CU & Modem)	18 lbs (8.2 kg)
Temperature	Operational: 32°F to 130°F (0°C to 55°C); Survival: -30°F to 160°F (-35°C to 70°C)
Humidity	IEC 60945; 104°F (40°C), 95% 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, 50-60 Hz auto switching, 3 A max Control Unit/Antenna: 90-240 VAC, 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 V7 Ethernet Switch with PoE	
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 world-wide Certified Support Network

Meets Inmarsat operational, survival, and shock specifications. Meets FCC and CE requirements.

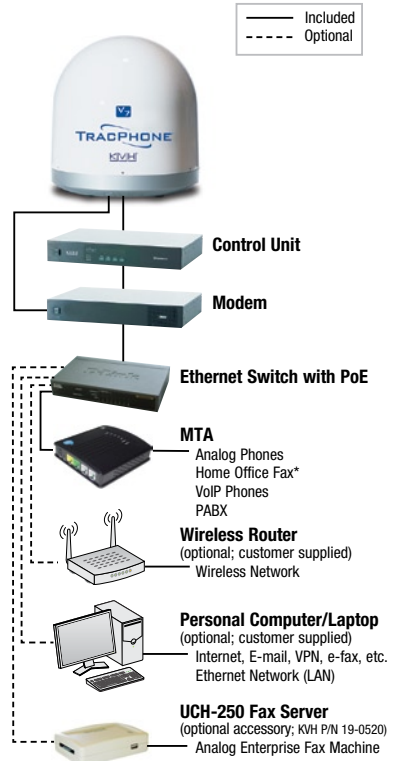
mini-VSAT Broadband Current & Planned Coverage*



* Map depicts KVH's expectations for mini-VSAT Broadband's future coverage; actual coverage and availability of service may vary.

Coverage maps are representative and may change at any time. Data rates may also vary in different regions. For complete details, choose "TracPhone" at www.kvh.com/footprints and click on the mini-VSAT Broadband current coverage map. KVH provides no guarantees of satellite coverage or availability.

Dealer/Distributor



* Faxing over Internet Protocol can be unreliable at times, therefore KVH highly recommends that those customers who demand an enterprise-grade fax solution should take advantage of our optional accessory – the UCH-250 Fax Server.



Unlike fold-up antennas, the TracPhone V7 offers in-motion operation.



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