

TracPhone V11HTS with mini-VSAT Broadband HTS Service

System Specifications

| Service | |
|---|--|
| Network | mini-VSAT Broadband HTS Network |
| Antenna Type | Dual-mode Ku/C-band |
| Service Coverage Area | Global except Arctic Regions |
| Maximum Speed Download/Upload ¹ | 20 Mbps/3 Mbps |
| Abovedecks Equipment | |
| Antenna Dish Diameter | 1.1 m (42.5") |
| Antenna Unit Dimensions/Weight | 1.2 m D x 1.4 m h (48.8" D x 57.3" h)/109 kg (240 lbs) |
| Elevation/Azimuth Range | -24° to +119°/720° rotation |
| Temperature | Operating: -30°C to 55°C (-22°F to 131°F) Survival: -30°C to 70°C (-22°F to 158°F) |
| Humidity | IEC 60945; 40°C (104°F), 95% Humidity (non-condensing) |
| Rain | Precipitation rate of 1.7mm/min, w/wind speeds up to 100 knots |
| Heading Input | NMEA 0183 magnetic or true heading |
| Antenna Unit Power | 100-240 VAC, 50-60 Hz auto switching, 650W max; provided at the dome |
| ICM to Antenna Unit Communications | 16 Conductor Data Cable |
| L-band RF Cables (customer supplied) | 75 Ohm – F-Connector terminations; For 30-60 m (101-200 ft.) choose LMR-400-75 For 60-100 m (201-325 ft.) choose LMR-600-75 |
| Remote Support | Integrated GPRS modem for access by KVH technical support |
| Belowdecks Equipment – Integrated CommBox Modem (ICM) | |
| Dimensions | 42.6 cm l x 41.4 cm w x 2U h (16.8" x 16.3" x 2U) rack-mountable with optional mounting provisions ² |
| Weight | 5.1 kg (11.25 lbs) |
| Temperature | Operating: -15°C to 55°C (5°F to 131°F); Survival: -15°C to 70°C (5°F to 158°F) |
| Input Power | 100-240 VAC, 50-60 Hz auto switching, 250W max |
| Data Interfaces | 4 Ethernet: IEEE 802.3 10BASE-T/100BASE-TX, 100 Mbps; 1 Wi-Fi 802.11; 3 USB ports |
| Voice Interfaces | 2 RJ11 ports for VoIP services |
| System Options | |
| CommBox Software Bundles Available | Standard or Enterprise Bundles - see "Featured Options" at kvh.com/v11hts or kvh.com/v11htsleisure for details |
| Built-in Crew Calling Gateway | Available; contact Airtime Services for details |
| KVH Link | Available for commercial applications. See kvh.com/link for details. |
| KVH OneCare™ Support Program | Available; see kvh.com/onecare for details |
| SAILOR 4300/Iridium Certus® Optional Backup | Available (Part Number 01-0431); see "Optional Backup" on kvh.com/v11hts or kvh.com/v11htsleisure for details |
| Complete System | |
| Certification | Complies with the essential requirements of Radio Equipment Directive 2014/53/EU, which includes the safety objectives set out in Low Voltage Directive 2014/35/EU and an adequate level of electromagnetic compatibility as set out in EMC Directive 2014/30/EU |
| System Warranty ³ | Comprehensive 2-year parts, 2-year labor warranty supported by KVH's worldwide Certified Support Network (CSN); extended warranty up to 5 years available |
| Part Number/MSRP (USD) | 01-0415-11/\$49,995 |

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

¹Published data speeds are maximum speeds and may vary in different regions and under different conditions.

²Optional Belowdecks Mounting Case (Part Number 72-0368) available for vessels without a rack.

³Unless subject to in-country regulations. Restrictions apply. Visit www.kvh.com/warranty for details.



EXPANDED GLOBAL COVERAGE!

TracPhone V11HTS Coverage Map

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/minivsathtsmaps and click on the mini-VSAT Broadband HTS coverage map. KVH provides no guarantees of satellite coverage or availability.

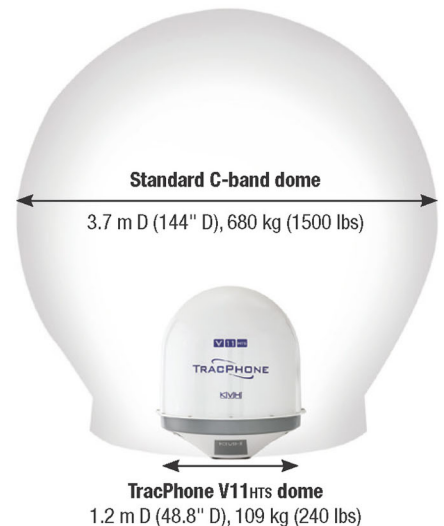
- Combined Ku- and C-band Coverage
- C-band Coverage Only
- Ku-band Coverage Only

System Diagram



Integrated CommBox Modem (ICM)

Streamlined belowdecks unit includes: IP-enabled antenna control unit, built-in CommBox Ship/Shore Network Manager, high-throughput modem, Voice over IP adapter, and built-in Wi-Fi and Ethernet switch.



85% smaller in volume and lighter than standard C-band antennas, TracPhone V11HTS is faster, easier, and less expensive to install.



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