

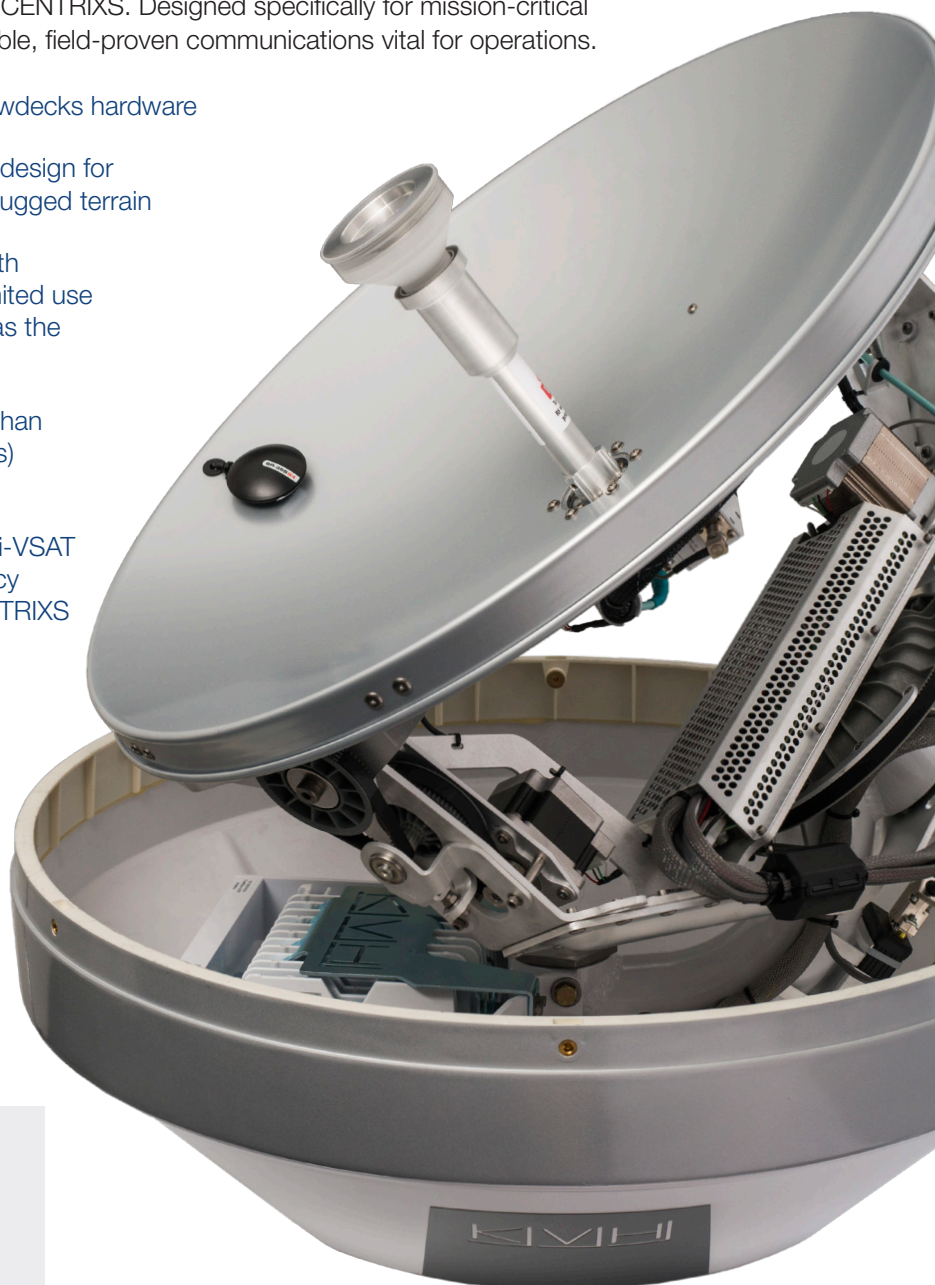


TracPhone® V7HTS

Broaden Your Mission Package with the TracPhone V7HTS

Using high-throughput global connectivity via next-generation satellites on the mini-VSAT Broadband HTS network, the 60 cm, three-axis, gyro-stabilized TracPhone V7HTS provides reliable, secure coverage for military and government vessels and vehicles. TracPhone V7HTS offers low latency and speeds as fast as 10/3 Mbps (down/up), ideal for streaming video, biometric data, and encrypted messaging protocols such as CENTRIXS. Designed specifically for mission-critical connectivity, TracPhone V7HTS offers the reliable, field-proven communications vital for operations.

- State-of-the-art VSAT antenna and belowdecks hardware
- High-performance, three-axis stabilized design for superior tracking in rough seas and on rugged terrain
- Exclusive dual channel configuration, with hybrid airtime plans that deliver an unlimited use data channel running at the same time as the high-speed channel
- Global layered HTS network with more than 294 million sq. km (113+ million sq. miles) coverage
- Worldwide coverage via the layered mini-VSAT Broadband HTS network with low latency necessary for messaging apps like CENTRIXS
- Integrated network cybersecurity measures



The TracPhone V7HTS includes the 2U-high **Integrated CommBox Modem (ICM)** with IP-enabled antenna control unit, CommBox™ Network Manager, high-throughput modem, Voice over IP (VoIP) adapter, and built-in Wi-Fi and Ethernet switch. In addition, it provides support for over-the-air system software updates.

TracPhone V7HTS with mini-VSAT Broadband HTS Service

System Specifications

| Service | |
|---|--|
| Network | mini-VSAT Broadband HTS Network |
| Antenna Type | Ku-band |
| Service Coverage Area | Seamless Worldwide Regions |
| Maximum Speed Download/Upload ¹ | High-speed data channel: 10 Mbps/3 Mbps |
| | Unlimited use data channel: Multiple speed-based plans offered Maximum speed offered (UL7 plan) is 8 Mbps/2 Mbps (download/upload) |
| Abovedecks Equipment | |
| Antenna Dish Diameter | 60 cm (24") |
| Antenna Unit Dimensions/Weight | 66.6 cm D x 79.2 cm h (26.1" D x 31.2" h)/26.1 kg (57.6 lbs) |
| Elevation/Azimuth Range | -24° to +119°/720° rotation |
| Temperature | Operating: -30°C to 55°C (-22°F to 131°F); Survival: -35°C to 70°C (-31°F to 158°F) |
| Humidity | IEC 60945; 40°C (104°F), 95% Humidity (non-condensing) |
| Rain | Precipitation rate of 1.7mL/min, w/wind speeds up to 100 knots |
| Heading Input | NMEA 0183 magnetic or true heading |
| Antenna Unit Power | DC; provided by ICM |
| ICM to Antenna Unit Communications | 14 Conductor Data Cable |
| L-band RF Cables (customer supplied) | For 5-30 m (15-100 ft.) choose RG-11 For 30-60 m (101-200 ft.) choose LMR-400-75 For 60-100 m (201-325 ft.) choose LMR-600-75 |
| 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 |
| 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/v7htsmil for details |
| Built-in Crew Calling Gateway | Available; contact Airtime Services 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/v7htsmil |
| 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 ² | Comprehensive 2-year parts, 2-year labor warranty supported by KVH's worldwide Certified Support Network (CSN) |
| Part Number | 01-0408-15 |

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.
²Unless subject to in-country regulations. Restrictions apply. Visit www.kvh.com/warranty for details.

System Diagram



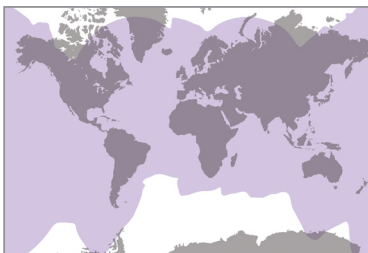
Integrated CommBox Modem (ICM) –

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.



TracPhone V7HTS dome
66.6 cm D, 26.1 kg (26.1" D, 57.6 lbs)

85% smaller in volume than standard VSAT antennas, TracPhone V7HTS is easier and less expensive to install.



Seamless Global Coverage

TracPhone V7HTS 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.

V7HTS Ku-band Coverage

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