



TracNet™ Coastal Technical Specifications

Stream. Talk. Watch. Connect.

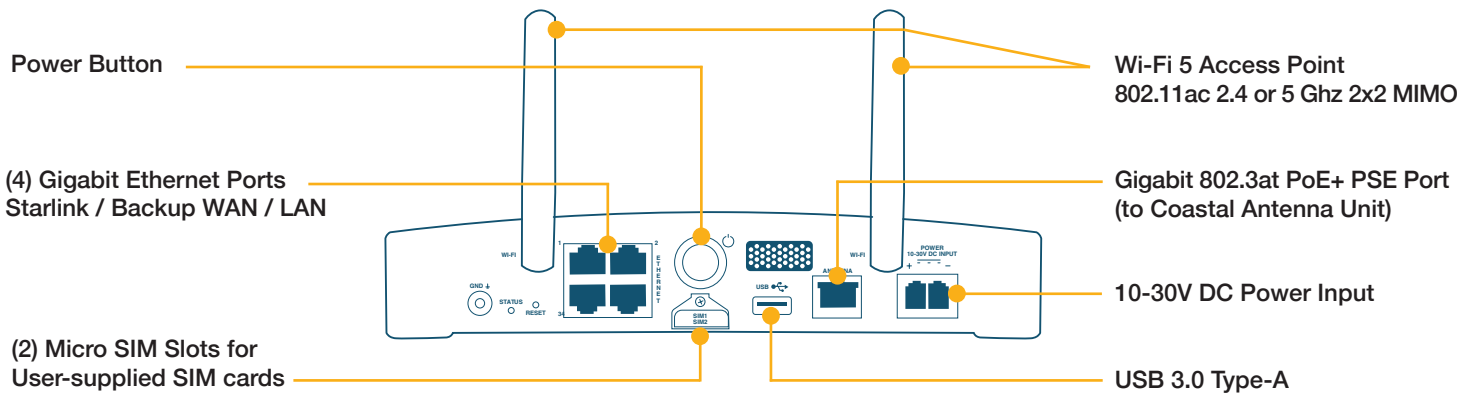
Enjoy faster, smaller, more intelligent communications at sea with a high-powered, single-cable, marinized cellular/Wi-Fi solution with service around the globe.

- As fast as 300 Mbps on the KVH ONE® network
- “2-in-1” hybrid design combining the power of 5G/LTE cellular and Wi-Fi
- Connectivity in the waters where you travel most
- Compact and light with single-cable installation
- All supported by KVH’s premier, 24/7 live KVH OneCare™ service

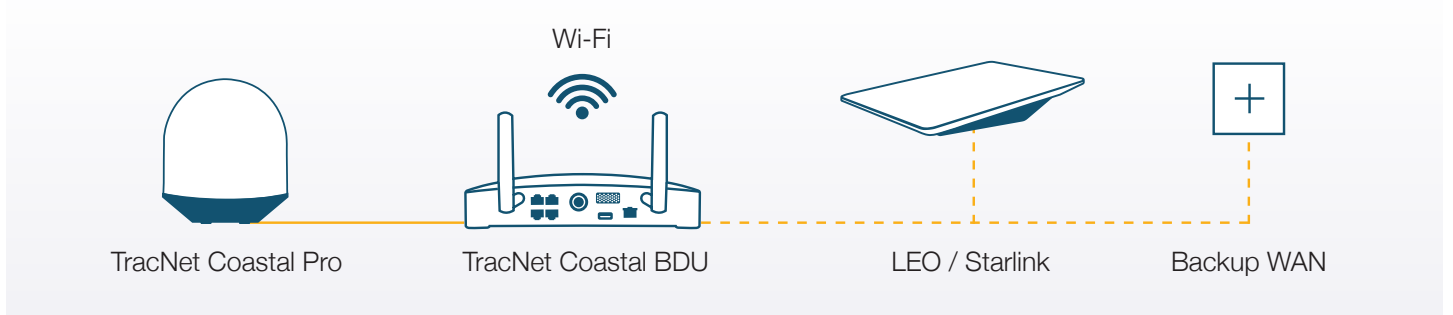


TracNet Coastal Versions	
TracNet Coastal*	TracNet Coastal Pro
<p>Marina Wi-Fi</p> <p>5G Cellular</p> <p>TracNet Coastal</p> <p>PoE Injector</p>	<p>Marina Wi-Fi</p> <p>5G Cellular</p> <p>TracNet Coastal Pro</p> <p>TracNet Coastal BDU</p>
*User-supplied Wi-Fi access point recommended	

TracNet Coastal Pro Below Deck Unit (BDU)



TracNet Coastal Pro Starlink/LEO Configuration



		Specifications		
Antenna Unit				
CELLULAR	Region	Global 5G radio with 4G & 3G fallback		
	Standards	5G NR: Supports 3GPP Rel-15, Supports NSA and SA operation modes, Sub-6GHz 4G LTE: DL Category 16–20/UL Category 18 3G UMTS: WCDMA		
	Frequency Bands	5G NR SA/NSA: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79		
		4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 4G LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B46(LAA)/B48		
		3G UMTS WCDMA: B1/B2/B3/B4/B5/B6/B8/B19		
	Antenna Gain	617 - 960 MHz: 1.2 dBi ± 1.2 dB 1.4 - 3.5 GHz: 2.5 dBi ± 1.5 dB 3.5 - 6 GHz: 5.5 dBi ± 3.5 dB		
		Carrier Certifications		T-Mobile / AT&T
		SIM Technology		Internal KVH eSIM with over-the-air provisioning
	WAN Wi-Fi (Client)		802.11ac 2.4/5 Ghz 2x2 MIMO (Wi-Fi 5)	
	GNSS		GPS/GLONASS/BDS/Galileo/QZSS	
Power & Data Cabling		Easy, single-cable install via Category 6a Power over Ethernet (802.3at PoE+)		
Diameter x Height		34.3 cm x 33.3 cm (13.5 in x 13.1 in)		
Weight		3.6 kg (8 lbs)		
Operating Temperature		-25°C to +55°C (-13°F to +131°F)		
Survival Temperature		-30°C to +70°C (-22°F to +158°F)		
Below Deck Unit		TracNet Coastal	TracNet Coastal Pro	
Gigabit Ethernet Ports		1, User LAN only	4, Configurable as Starlink WAN/ Backup WAN/User WAN	
LAN Wi-Fi (Access Point)		N/A	802.11ac 2.4 or 5 Ghz 2x2 MIMO (Wi-Fi 5) Dual-simultaneous WAN & LAN Wi-Fi	
Accessible Micro-SIM Slots		0	2, user-accessible at Below Decks	
Power Input		10-30 Volts DC (direct wire), with available AC Power Supply option		
Power Consumption (Nominal/Max)		10W/14W	16W/22W	
Length x Width x Height		8.0 cm x 8.5 cm x 3.6 cm (3.0 in x 3.3 in x 1.4 in)	20.5 cm x 23.6 cm x 4.4 cm (8.0 in x 9.0 in x 1.7 in)	
Weight		0.23 kg (0.5 lbs)	1.8 kg (4 lbs)	
Operating Temperature		-15°C to +55°C (+5°F to +131°F)		
Survival Temperature		-25°C to +70°C (-13°F to +158°F)		
Complete System		TracNet Coastal	TracNet Coastal Pro	
Intelligent Connection Switching Number of WANs Supported		2 Cell/WAN Wi-Fi	4 Cell/WAN Wi-Fi/Starlink/Backup WAN	
Networking		IPv4/Routing/NAT/DHCP		
Certifications		IEC/EN 60945:2002/COR1:2008 Maritime Equipment IEC/EN 62368-1:2014 Product Safety FCC Part 15 Subpart B, Class B/FCC ID RoHS/REACH		
Warranty		2-years parts, 1-year labor		

Speed and coverage area will vary based on antenna mounting location; onboard network equipment (including hardwired Ethernet connection or belowdeck Wi-Fi access point); position, height of, and distance to cell towers; network congestion; and network type. Service reception may also be affected by environmental or operational conditions, and its uninterrupted availability is not guaranteed.

For more information, visit kvh.com/coastal or contact sales@kvh.com