

INTRODUCING

# TracPhone® LTE-1



## Extended Range Mobile Internet for Vessels & Vehicles



### Features & Highlights

- High-gain, dual LTE-A antenna array for significantly extended range compared to cell phones
- Data speeds as fast as 100 Mbps/50 Mbps (download/upload) with no throttling
- Automatic switching between two leading U.S. carriers
- Wi-Fi with connectivity for multiple devices, including smart phones, tablets, laptops, etc.
- Customizable email usage alerts
- Simple, single cable plug & play installation
- Flexible data plan for seasonal users
- Convenience of an end-to-end solution from the leader in mobile connectivity

### LTE that goes the distance

KVH's new TracPhone LTE-1 delivers high-performance LTE service faster than 4G for HD streaming and Internet access more than 20 miles offshore, in remote locations, and while you're on the move throughout the U.S. and its coastal waters. This compact, easy-to-install, and easy-to-use solution enables you to enjoy more reliable coverage and faster speeds than with just your cell phone.

With speeds as fast as 100 Mbps plus built-in Wi-Fi for multi-device support, the TracPhone LTE-1 provides the connections you need to:

- Stream HD video, live TV, and music
- Video conference
- Surf the web
- Post on social media
- Check email
- Use Wi-Fi Calling to make and receive calls
- Use apps like Apple® Messages and WhatsApp™



Image courtesy of Scout Boats

### Simply connected, simply powerful

Powered by LTE-Advanced (LTE-A) network technology, TracPhone LTE-1 is an ultra-compact, marine-grade system that includes a high-gain, dual antenna array, modem, Wi-Fi router, and GPS in the dome – everything you need to head offshore or out on the road!



*Customize your onboard Wi-Fi, receive usage alerts, and manage your network with the LTE Manager app for iOS and Android devices.*



## TracPhone LTE-1 Technical Specifications

Service	
Network	LTE-A/LTE/HSPA+/3G
Antenna Type	2x2 MIMO/High-gain diversity antennas
Service Coverage Area <sup>1</sup>	U.S. and U.S. waters More than 20 miles from nearest tower when mounted >6 m (20 ft) above waterline with unobstructed line-of-sight
Wi-Fi Type and Output	IEEE 802.11n/g Wi-Fi; 72 Mbps max
Maximum Download/Upload Speed <sup>1</sup>	100 Mbps/50 Mbps
Hardware	
Antenna Unit: Diameter x Height/Weight	34.3 cm x 33.8 cm (13.5" x 13.3")/2.8 kg (6.25 lbs)
Antenna Operating Temperature	-25°C to +55°C (-13°F to +131°F)
Antenna Survival Temperature	-25°C to +70°C (-13°F to +158°F)
System Power	9-36 VDC, 4 watts nominal, 12 watts max Optional 120 VAC power supply (Consult your KVH dealer for power supply options)
Cabling	1 Power/data cable: Cat 6 double shielded 15 m (50') cable included (Consult your KVH dealer for alternative cabling options)
Belowdecks/Interior Equipment	Power-over-Ethernet Injector w/3 m (10') power cable and built-in Ethernet output port
Belowdecks Equipment: Length x Width x Height/Weight	9.7 cm x 7.9 cm x 3.6 cm (3.8" x 3.1" x 1.4")/0.14 kg (0.3 lbs)
Complete System	
Certifications	Complies with the essential requirements of Radio Equipment Directive 2014/53/EU EN60945:2002 + Corrigendum 1:2008 - Maritime navigation and radio communication equipment and systems EN60950-1:2006 + A1:2009 + A2:2013 – Health & Safety FCC Part 15 Subpart B, Class B Contains FCC ID: U8G-P1930LITE & FCC ID: N7NMC7455 RoHS & REACH
Warranty	2-year parts, 1-year labor
KVH Part Number	01-0419

<sup>1</sup>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.



### Easy Installation

KVH offers an optional Mounting Bracket that makes installation a snap! KVH Part No. 72-0409  
For details:  
[www.kvh.com/bracket](http://www.kvh.com/bracket)

## KVH, Bring the Best Onboard

The results speak for themselves. In harbors and on roads around the world, you'll see KVH's distinctive white antennas with gray baseplates. With more than 200,000 satellite antennas fielded worldwide, KVH has supplied more in-motion satellite communications and TV systems for mobile applications than any other manufacturer. When you choose KVH, you choose the best!



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