

Hughes 9450L-C11 (Lite) BGAN Mobile Satellite Terminal

HUGHES[®]

inmarsat

Low-Cost BGAN Comms-On-The-Move

Using the world's smallest mobile BGAN terminal, customers can connect at IP broadband speeds of up to 464 kbps while on-the-move.

The Hughes 9450L-C11 terminal is fully approved for operation on Inmarsat's Broadband Global Area Network (BGAN) satellite service and provides high-performance, on-the-move connectivity for the most demanding environments.

The Hughes 9450L-C11 is a low cost, highly competitive mobile terminal, ideal for government, first responders, public safety, mobile healthcare, and remote mobile fleet personnel in industries, such as utility, oil and gas, forestry, cable, and telecommunications.

Corporate disaster planners and remote field personnel can collaborate reliably and efficiently with various agencies and headquarters staff.

The Hughes 9450L-C11 terminal is IP-based and offers selectable, dedicated Quality of Service (QoS) levels.

Simple, quick, and flexible options are available for installation on any vehicle. The mini-antenna may be permanently mounted for fleet-style installation or the optional magnetic roof mount can be used for rapid installation and removal.

The Hughes 9450L-C11 terminal has four (4) Ethernet ports, which allow the user to connect multiple devices.



Features

- Fully autonomous tracking antenna acquires and tracks the BGAN satellite signal while on-the-move or on-the-pause
- Four Ethernet ports supporting multiple devices
- Internal Web User Interface (UI) for configuration and control without the use of LaunchPad
- Auto context activation feature allows data connections to be activated without user action

Services

- Up to 464 kbps shared data rate and 128 kbps streaming IP
- Selectable QoS (32 kbps, 64 kbps, 128 kbps)

Package Includes

- Hughes 9450L-C11 mobile satellite terminal
- Tracking antenna, RF cable, and power cable (magnetic mounts are optional)
- Note: This cable length can be changed; however with a maximum loss less than <10 dB at 1.6 GHz.
- User Guide and Installation Guide (see BGAN.Hughes.com for PDFs)

Technical Specifications

Transceiver

Weight:	2.3 Kg
Dimensions:	46 mm x 281 mm x 234 mm
Humidity:	95% RH at +40° C
Temperature:	-25° C to +55° C operating
Power:	Idle: 32 W Max: 65 W (when transmitting) This cable length can be changed; however with a maximum loss less than <10 dB at 1.6 GHz
Input Voltage:	12 V or 24 V systems

Antenna

Weight:	2.0 Kg
Dimensions:	252 mm x 119 mm
Humidity:	95% RH at +40° C
Temperature:	-25° C to +55° C operating -40° C to +80° C survival
Wind:	125 mph (200 km/h)
Exception for Magnetic Mount:	100 mph (160 km/h)
Water and Dust:	IP56 antenna
Ice:	25 mm nonoperational

About Hughes Network Systems

Hughes Network Systems, LLC (Hughes) is the global leader in satellite broadband for home and office, delivering innovative technology solutions and a comprehensive suite of HughesON™ managed services for enterprises and governments worldwide. HughesNet® is the #1 high-speed satellite Internet service in the marketplace, with offerings to suit every budget. To date, Hughes has shipped more than 5 million systems to customers in more than 100 countries, representing approximately 50% market share. Its products employ global standards approved by the TIA, ETSI and ITU organizations, including IPoS/DVB-S2, RSM-A, and GMR-1. Headquartered outside Washington, D.C., in Germantown, Maryland, USA, Hughes operates sales and support offices worldwide, and is a subsidiary of EchoStar Corporation (NASDAQ: SATS), a premier global provider of satellite operations and digital TV solutions.

For additional information, please contact us at 1-866-569-5153 or email BGANsales@hughes.com.

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