

# Hughes 9450LW-C11 (Lite with Wi-Fi) BGAN Mobile Satellite Terminal

## Low-Cost Mobile BGAN

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

The Hughes 9450LW-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 9450LW-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 9450LW-C11 terminal is IP-based and offers selectable, dedicated Quality of Service (QoS) levels. It automatically accepts the user's choice of standard SIM or BGAN M2M SIM.

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 9450LW-C11 terminal has four (4) Ethernet ports and an 802.11b/g/n wireless access point, 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.
- 802.11b/g/n wireless access point.
- Internal Web User Interface (UI) for configuration and control.
- 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).
- Automatically accepts the user's choice of standard SIM or BGAN M2M SIM.

## Package Includes

- Hughes 9450LW-C11 mobile satellite terminal.
- Tracking antenna, RF cable, Wi-Fi antenna, and power cable (magnetic mounts are optional).
- Note: The RF cable can be changed; however, maintain a maximum loss less than <10 dB at 1.6 GHz.
- Installation Guide (see [BGAN.Hughes.com](http://BGAN.Hughes.com) for PDF and User Guide).

## 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)
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

For additional information, please contact us at 1-866-569-5153 or email [BGANsales@hughes.com](mailto:BGANsales@hughes.com).