

# Hughes 9202 BGAN Land Portable Satellite Terminal

**HUGHES**

## Broadband satellite IP terminal with voice, ISDN, and built-in 802.11 Wi-Fi access point

**inmarsat**

The reliable and lightweight Hughes 9202 Land Portable Terminal boasts a compact and sleek design. A budget-friendly and highly attractive class 2 portable terminal, the Hughes 9202 is ideal for governments and NGOs, first responders, public safety and mobile health care workers, and remote personnel in industries such as utility, oil and gas, forestry, cable, and telecommunications.

The Hughes 9202 operates over the Inmarsat Broadband Global Area Network (BGAN) satellite service and provides high-performance connectivity and reliability for the most demanding users and extreme conditions.

Using the world's smallest class 2 BGAN terminal, users can connect at IP broadband speeds up to 464 kbps, as well as take advantage of such features as built-in multi-user Wi-Fi access and automatic context activation (ACA), including the ability to transmit SMS messages via the integrated user interface (IUI) without a connected laptop, PDA, or other user device.



### Commercial-grade, rugged IP55 rating

The Hughes 9202 allows the user to send and receive IP traffic via Ethernet and Wi-Fi. In parallel with the packet data service, the Hughes 9202 supports full ISDN and circuit switched voice and fax calls via a two-line RJ11 plug.

Corporate disaster planners and remote field personnel can collaborate with confidence and efficiency with various agencies and headquarters staff using video, voice, and data simultaneously. As with all Hughes BGAN models, the Hughes 9202 is IP-based, delivering selectable, dedicated Quality of Service (QoS) levels.



**Wi-Fi** ENABLED

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## Features

- Main Features
  - Rugged and durable IP55 rating
  - Backlit LCD user display including four-button control
  - Wi-Fi inside supporting multi-user access
  - Two-line RJ11 for voice and fax
  - Full ISDN support including Unrestricted Digital Information (UDI)
  - Advanced integrated user interface (IUI)
  - Automatic Context Activation (ACA)
  - XL-band ready
- Interfaces
  - Ethernet connection (RJ45)
  - ISDN connection (RJ45)
  - Two-line RJ11 for voice and fax
  - Compass and audio tone to assist in antenna pointing
- Package Contents
  - Hughes 9202 Land Portable Terminal
  - Rechargeable lithium ion battery pack
  - 6 ft. Ethernet cable
  - AC/DC adaptor with UK, EU, and US power cables
- Optional Accessories
  - DC-DC adapter

## About Hughes Network Systems

Hughes Network Systems, LLC (Hughes) is the world's leading provider of satellite broadband for home and office, delivering innovative network technologies, managed services, and solutions for enterprises and governments globally. 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 4 million systems representing over 50 percent 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 wholly owned subsidiary of EchoStar Corporation (NASDAQ: SATS), a premier global provider of satellite operations and digital TV solutions.

## Technical Specifications

Satellite TX Frequency	1626.5–1660.5 and 1668–1675 MHz
Satellite RX Frequency	1518–1559 MHz
GPS Frequency	1574.42–1576.42 MHz
SAT Continuous TX Time	Up to 3.25 hours at 128 kbps
SAT Continuous RX Time	Up to 5.5 hours at 128 kbps
SAT Standby Time	Up to 36 hours
Weight	1.4 Kg (3.13 lbs)
Dimensions:	
Terminal:	216 mm x 216 mm x 41 mm (8.5" x 8.5" x 1.61")
Stand:	149.5 mm x 121.5 mm x 9.3 mm (5.88" x 4.78" x 0.36")
Operating Temperature	-5° C to +55° C with battery -25° C to +60° C with DC supply
Battery Charging Temperature	0° C to +40° C
Storage Temperature	-20° C to +60° C with battery -25° C to +80° C excluding battery
Humidity	95% RH at +40° C
Wind	Operational wind loading (with stand secured to ground) 40 km/h (25 mph)
Water and Dust	IP-55 Compliant
Non-operational Mechanical Vibration	200–2000 Hz, 0.3 m2/s3; MIL-SPEC 810B METHOD 500.3 procedure 1
Data Connectivity	RJ45 connector Two-line RJ11 for voice and fax 802.11 WLAN RJ45 connector (ISDN) voice and data
Other Features	Rechargeable lithium ion battery SIM/USIM Slot (behind battery) ¼ inch UNC threaded hole for tripod mounting Compass to assist pointing



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