Hughes 9201 BGAN Terminal

Broadband satellite IP terminal with voice and 802.11 WLAN access point

he Hughes 9201 is a fully IP-compatible terminal certified for operation on Inmarsat's BGAN global communications service. Rugged and easy to use, the 9201 enables simultaneous IP packet and circuit-switched data communications via standard USB, Ethernet, ISDN, and 802.11 WLAN interfaces.

Main Features

- 492 kbps IP data (transmit & receive)
- ISDN voice (4 kbps)
- ISDN data (64 kbps)
- Allows simultaneous use of all interfaces (Ethernet, USB, ISDN, and WLAN)
- WLAN access point
- Multi-user capability (up to 11 simultaneous sessions)
- Selectable Quality of Service (32, 64, 128, 256 kbps or X-stream)

Lightweight, easy to set up and move

Easy to set up and connect, the Hughes 9201 is built to operate in even extreme weather conditions. Multiple user support means an entire team can share a single 9201 simultaneously, providing an 802.11 broadband wireless LAN at any site. Compact and lightweight, the Hughes 9201 can be quickly moved from site to site and connects within minutes. Combined with the global coverage of Inmarsat's BGAN service, the Hughes 9201 offers a powerful IP-compatible gateway for corporate teams to stay connected and to share critical information virtually anywhere, anytime.

Other highlights

- Full IP compatibility—email, file transfer (FTP), VPN, browsing, etc.
- Compatible with all VPNs
- Cost-effective, "always-on" access—only charged for data sent and received
- Web MMI is accessible via WiFi-enabled smart phones
- Auto context activation feature allows PDP contexts to be activated without user action
- Easy to install and connects in minutes
- UMTS IP-based services
- ISDN supplementary services
- FCC, CE, and GMPCS certified

Designed and developed by Hughes, the world leader in broadband satellite networks and services, with more than 2.8 million terminals shipped to customers in over 100 countries.

Front view detail

User Interfaces

- SIM card
- LED and audio pointing aids
- Ethernet
- USB
- WLAN (IEEE 802.11b)
- ISDN (for voice and data)

Package

- Broadband Satellite IP Terminal and WLAN Access Point
- Rechargeable lithium ion battery pack
- AC mains power adapter
- (110 VAC - 240 VAC)
- Travel adapter
- USB cable
- Ethernet cable
- ISDN cable
- User guide (PDF file on CD)
- Installation CD

Optional Accessories

- Standard lithium ion battery pack
- Extended lithium ion battery pack
- AC mains power adapter (110 VAC - 240 VAC) output
- Fixed mount kit
- Vehicular power adapter (10 VDC - 32 VDC) output

Compatible Accessories

- ISDN phones
  - ASCOM Eurit 33 plus deskphone
  - SwissVoice Eurit 25 and 35 deskphone
  - Nera ISDN handset
  - Nera Worldset handset
  - Siemens Gigaset SX255 cordless DECT ISDN base station and S1 handset
  - Any RJ-11 analog handset with any ISDN (2-4 wire) terminal adapter (TA)
  - Most VoIP handsets
- Solar Chargers
  - IDG Europe T-60 (3 panel), Max. 60 W, 3.3 A
  - Powerline Suncatcher F0002 (2 panel) max. 25.1 W

Technical Specifications

Satellite TX Freq:	1626.5–1660.5 MHz
Satellite RX Freq:	1525–1559 MHz
SAT Continuous TX:	Up to 2 hours HDR streaming
SAT Continuous RX:	Up to 4 hours at 256 kbps on one charge
SAT Standby:	Up to 36 hours
Weight:	2.0 kg
Dimensions:	232 mm x 292 mm x 51 mm
Operating Temp:	-5 °C to +55 °C with battery*
	-25 °C to +55 °C excluding battery
Battery Charging Temp:	0 °C to 40 °C
Storage Temp:	-25 °C to +55 °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-65 Compliant
Vibration:	200-2000 Hz, 0.3m2/s3, MIL-SPEC 810B
Phone:	Two-line RJ11 connector
Data Connectivity:	RJ45 Ethernet, 802.11 b/g/n WLAN
Other Features:	Rechargeable lithium ion battery
	SIM/USIM slot behind battery
	Mounting point on terminal
	Compass to assist pointing
	External antenna options

*Recommend using external battery or power source for continuous TX above 40 °C.

For additional information, please email BGANsales@hughes.com.