



Effective
Monitoring Tools



50 Years +
of Industry Experience



Technical
Support



Security Approved
Support Teams



Cyber Certified

BGAN Patrol

The world's first BGAN on-the-move terminal for use on foot

The compact, lightweight Hughes 9203 communications-on-the-move terminal has been designed to allow dismounted soldiers continuous communication and situational awareness for the Battle Management System.

Working on the proven and reliable BGAN network, providing up to 200 Kbps IP communication for integration to local devices when the user is isolated from base and platforms. There is no need to pause and deploy, no need to rely on vulnerable or untrusted 3rd party networks.

BGAN Patrol provides communication On-the-move or On-the-person with a lightweight terminal that is quick to deploy and stow allowing for quick vehicle entry and exit.

Providing Beyond Line of Sight (BLOS) or extending Line of Sight (LOS) IP communication, users can connect via Ethernet or Wi-Fi (WPA or WPA2 security). And, both interfaces provide MAC Address Filtering enabling authorized only devices to access.

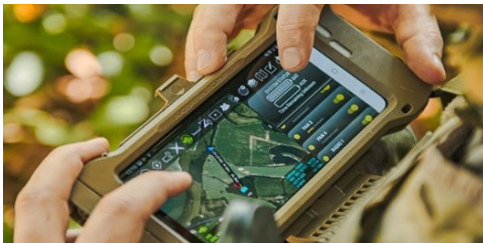
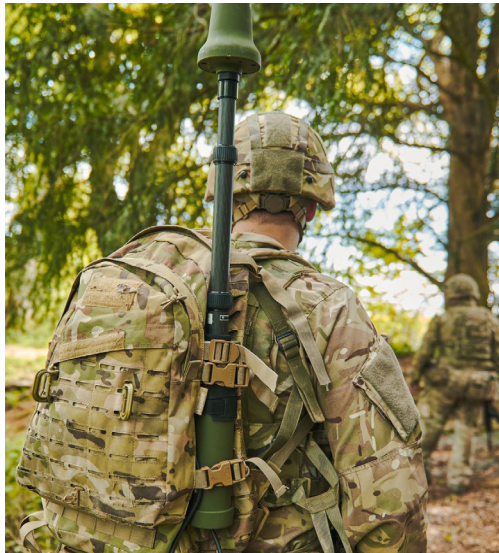
Safely deploy the Omni-directional antenna with the flexible 'gooseneck' feature to achieve clear line of sight while ensuring user safety.

Typical applications include:

- Enablement of Battle Management System (BMS)
- Android ATAK
- MANET and BLOS networks
- Laser range finder data
- Situational Awareness gathering
- MedEvac

Connectivity can be achieved via any common web browser or Smartphone using the Hughes iOS or Android app. The main control unit comes with a built-in LCD panel that shows status and provides access to configuration menus.

Internal battery; users can expect TX times of 2 hours and RX times of 4 hours, with a standby of 36 hours from a single charge. BB-25/5590 or MBITR/148/152 power connection available with relevant cable (supplied separately).





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Features

- Rugged and durable IP65 rating
- Comms-on-the-move (COTM)
- Built-in Wi-Fi
- Advanced integrated user interface (IUI)
- Automatic Context Activation (ACA)
- Extended L-band (XL-Band) enabled
- Interfaces
- Ethernet connection (RJ45)
- 802.11b/g/n WLAN

Optional Accessories

- Soft carry bag
- Hard transit case
- BB-55/2590 12V battery cable (1m)
- AN/PRC-148/152/MBITR battery cable (1m)

Specification

Antenna

Omni-directional

Dimensions

Antenna: 153mm x 100mm

3-Section Pole: 1000mm x 20mm

Gooseneck top section to allow antenna to be stowed quickly for entry and exit of vehicles

Weight

1.4 kg

Environmental Rating

IP-65

Operating Temperature

-5° C to +55° C with battery
-25° C to +55° C excluding battery

Storage Temperature

-25° C to +55° C with battery
-25° C to +80° C excluding battery

Mechanical Vibration

200-2000Hz, 0.3 M²/S³ MIL-STD 810G

Certifications

CE, FCC, EU WEEE, RoHS 3

Battery Life

Continuous TX: Up to 2 hours @ 128 kbps
Continuous RX: Up to 4 hours @ 128 kbps
Standby Time: Up to 36 hours

Battery Type

Rechargeable Li-Ion

Network Interface(s)

RJ45 (Ethernet)
802.11b/g/n WLAN
SIM/USIM slot
DC barrel connector
WebUI (feature rich, consistent with Hughes BGAN product line)
Compatible with the Hughes BGAN App for iOS and Android
Internal User Interface (IUI) with LCD display & buttons

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