

GX LITE TERMINAL

Built to fit user requirements

No bigger than a laptop, GX LITE user terminal represents the latest in our customer-focused innovation. Built based on land expeditionary users' requirements, it readily translates to any "grab and go" situation and enables secure, flexible, high-throughput communications in both directions wherever your mission takes you.

At-a-glance

The terminal operates across the commercial Ka-band TX (29-30 GHz) and RX (19.2-20.2 GHz) and serves reliably the Global Xpress network, the world's first globally available, high-throughput commercial wideband network. It leverages highly efficient flat panel antenna technologies from our trusted value-add manufacturer, Get SAT, and enables fully autonomous operation to transmit and receive high bandwidth data rates.

Bidirectional high throughput

The terminal delivers assured connectivity up to 8 Mbps x 3 Mbps maximum information rate (MIR) worldwide.

Flexible service plans

- › Available via a subscription service, i.e., end-to-end managed service, SATCOM as a Service
- › 24/7 U.S.-based customer support
- › Service model allows for Maximum Information Rate (MIR) and Committed Information Rate (CIR).
- › A single platform supports simultaneous operations globally.



Benefits

GX LITE TERMINAL

- › Designed with mobile, global land users in mind, the terminal is lightweight (21.4 lbs.) and thin (16.6" width, 11.5" length, and 3.3" depth).
- › Runs on batteries for up to 3 hours, with low-power consumption for great flexibility.
- › It can be hand carried and is easily transportable with a carrying case that fits into an overhead compartment.
- › The ruggedized terminal is proven to operate in some of the toughest environmental conditions.

BGAN-LIKE EASE OF USE

- › A user-friendly front panel interface and a Wi-Fi capability that users can readily enable and disable.
- › Simply operating using self-guided pointing, web user interface (UI) and advanced self-diagnostic feature.
- › System deployment requires only a power connection and an Ethernet cable, no other cabling is needed.
- › Users set up and operate the terminal in less than 5 minutes.

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Portable high-speed terminals for tactical SATCOM

Specifications			
Antenna Type:	Flat Antenna	Storage:	-55°C to +71°C
Terminal Size:	16.6" x 11.5" x 3.3"	Water and dust:	IP-65
Panel Size:	10.6" x 9.8"	Mechanical shock:	Transportation Shock: 20 min * 2 faces
Terminal weight:	21.4 lbs.	Interfaces	
Weight with case:	36.5 lbs.	2 x Ethernet (LAN) ports	
Frequency range:	19.2-20.2GHz (RX) 29-30 GHz (TX)	2 x BB-2590 ports	
Gain:	35 dB (RX) 36 dB (TX)	1 x Power / Debug Button	
Polarization:	RX LHCP / TX RHCP	3 x M&C buttons	
Elevation range:	10 to 90°	1 x LCD display	
G/T:	11 dB/K	Wi-Fi	
BUC output:	9W linear	Power	
Max EIRP:	46 dBW	Standby:	
Global service:	Up to 8 x 3 Mbps	Battery:	
Enviromental Conditions		Avg. battery life:	
Temperature		Power supply:	
Operational:	-40°C to +60°C	Can operate on VAC or VDC power	
		Acquisition time	
		Initial:	
		Re-acquire:	



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