

Global Xpress GX Lite
Broadband Service in a BGAN-form factor



SATCOM FOR EXPEDITIONARY FORCES

**GX LITE
TERMINAL**

Commercial satellite communications (COMSATCOM) offer rapid access to infrastructure for high-speed information sharing in remote locations
Secure mobile COMSATCOM supports situational understanding, multi-domain theatre access, operational theatre backhaul and enables C5ISR



8.6 KG

**8 X 4 MBPS MIR
GLOBALLY**

SATCOM FOR EXPEDITIONARY FORCES

REQUIREMENT

- Reliable communications linking advance teams to information and services essential to their mission
- Small, lightweight, cost-effective user terminals that provide the links vital to operations and are designed to withstand use in harsh environments

OUR SOLUTION

- G2X Land:
 - CIR: Guaranteed throughput
 - Occasional Use: 90days CIR based plans
 - Allowance: 10-300GB with up to 8 x 4 Mbps MIR
- End-to-end global network
- Low cost, small form factor terminal
- Transit in airline overhead compartment
- Operates on battery power for up to 3 hours
- Supports deployment and operations globally
- Transport from gateways to customer network or Internet access
- Single network provider oversight



PORTABLE, FLAT-PANEL SATCOM TERMINAL FOR MILITARY USERS

BUILT TO FIT USERS' REQUIREMENTS

Global Xpress (GX) user terminal

No bigger than a laptop

Supports land expeditionary requirements

Grab and go simplicity

Flexible, high-throughput communications

Broadband alternative to BGAN

AT-A-GLANCE

Commercial Ka-band (Transmit at 29-30 GHz and Receive at 19.2-20.2 GHz)

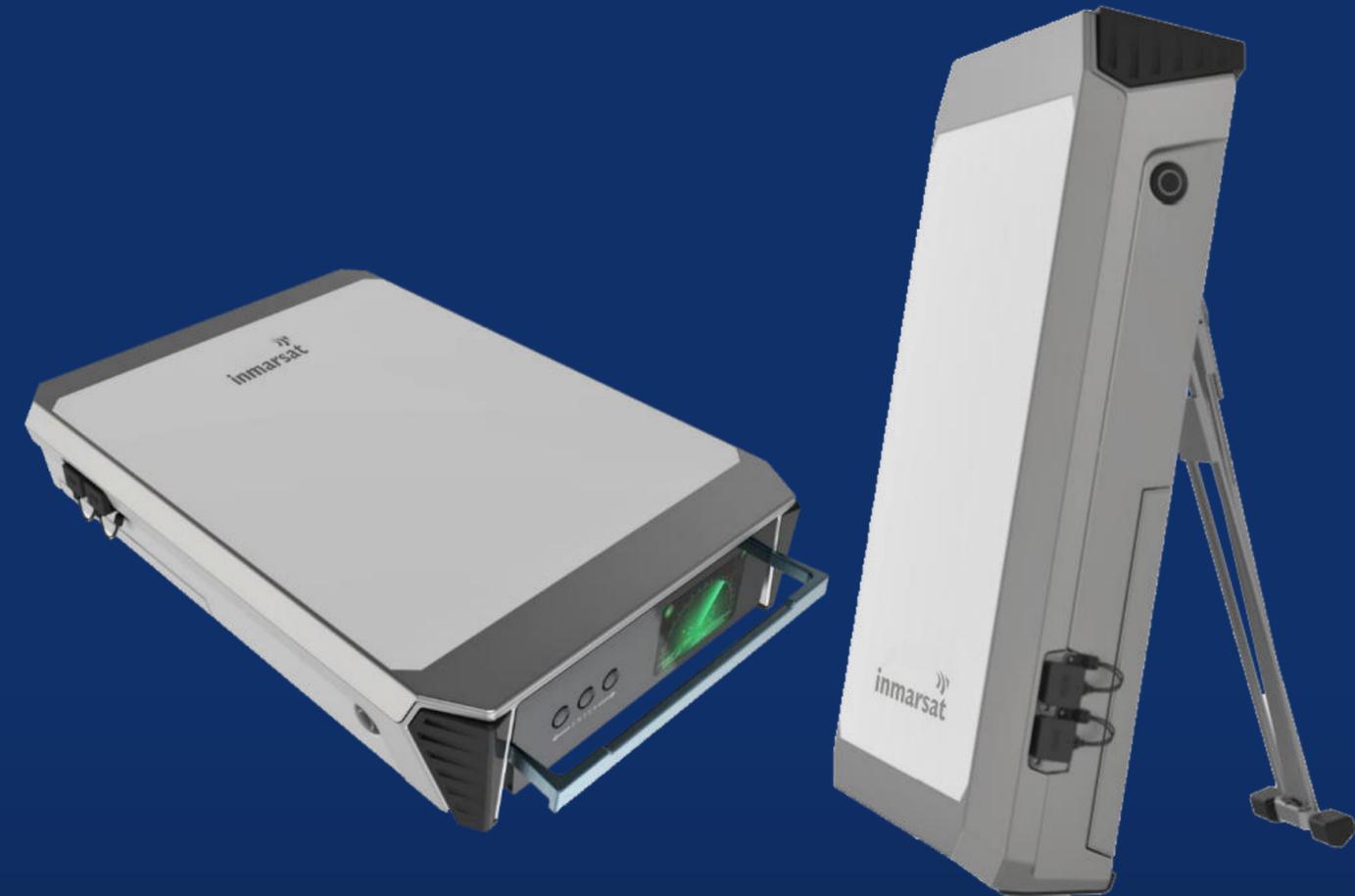
Accesses Inmarsat GX worldwide network via the G2X Land service

Highly efficient, low SWAP, flat panel terminal

Built by valued-added manufacturer Get SAT

Enables autonomous operation

GX LITE TERMINAL



TERMINAL OVERVIEW

GX LITE TERMINAL

Designed with mobile, global land users in mind

Small form factor – 8.6 KG, 44.2 cm x 29.2 cm x 8.4 cm

Runs on batteries for up to 3 hours

Hand carry, fits in airline overhead compartment

Operates in tough environmental conditions

Supports 8 x 4 Mbps MIR worldwide

BGAN-LIKE EASE OF USE

User friendly front panel with GUI black-out, camouflage mode

Enable/Disable Wi-Fi

Simple operation

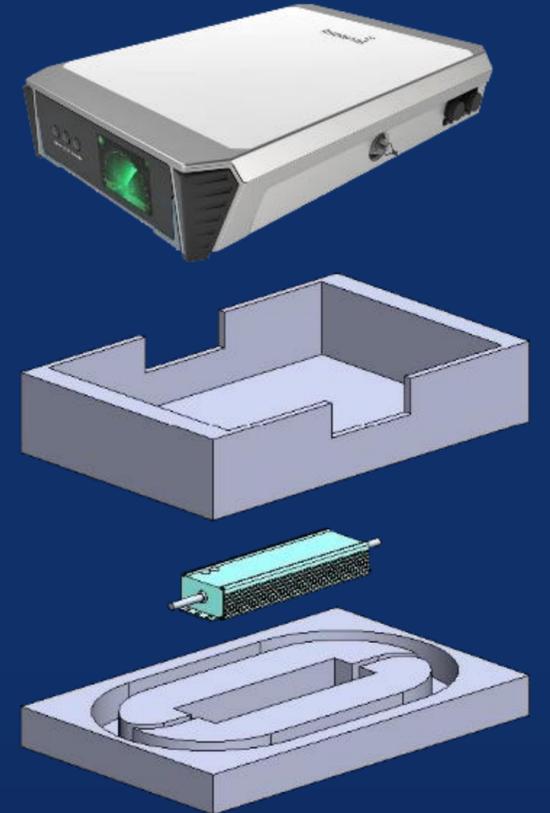
Self-guided pointing

Web user interface

Advance self diagnostic features

System deployment requires only power and ethernet connectivity – no other cabling

Terminal set-up and operations in less than 5 minutes



HAND CARRYING CASE

SERVICE OFFERING

FLEXIBLE SERVICE PLANS

G2X Land

Global end-to-end managed service, single provider

Infrastructure – GX space, SAS and terrestrial connectivity to military or commercial Points of Presence (PoP)

24/7/365 Customer Support

one-month through to 3 years service term commitments

Supporting global and regional portability

AFFORDABLE SUBSCRIPTION SERVICES

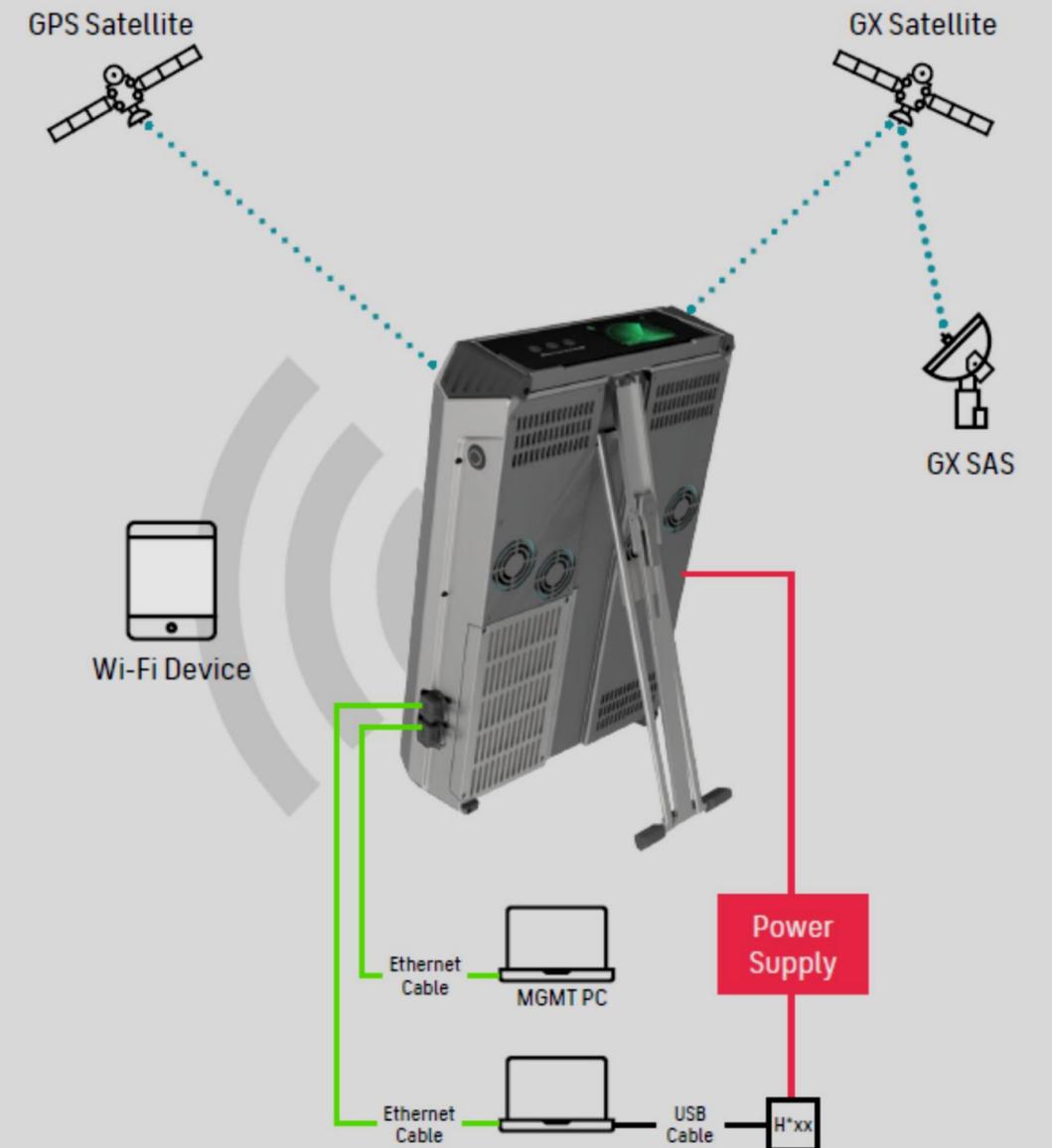
Usage-based, data allowance plans – 10, 50, 100, 300 GB plans with 8 x 4 Mbps MIR; no carry-forward, overage by the MB

Committed Information Rates (CIR) at 2/1 Mbps on continuous or Occasional Use subscriptions

Terminals for purchase or lease basis (2 years term)

Commercial service introduction 3Q 2022

EASY SETUP



TERMINAL SPECIFICATIONS & SET-UP

TARGETING MTBF OF 35K HOURS

Antenna Type:	Flat Antenna
Terminal Size:	44.2 x 29.2 x 8.4 cm
Panel Size:	26.9 x 24.9 cm
Terminal Weight:	8.6 kg
Frequency Range:	19.2-20.2GHz (RX) 29-30GHz (TX)
Gain:	35 dB (RX) 36 dB (TX)
Polarization:	RX LHCP / TX RHCP
Elevation Range:	10 to 90°
G/T:	11 dB/K
BUC Output:	9W Linear
Max EIRP:	46 dBW
Global Service:	Up to 8 x 4 Mbps

ENVIRONMENTAL CONDITIONS

Temperature Operational:	-40°C to +60°C
Temperature Storage:	-55°C to +71°C
Water and Dust:	IP65

Mechanical Shock:	
Transportation Shock:	20 min * 2 faces
Transit Drop:	26 drops

INTERFACES

2 x Ethernet (LAN) ports
2 x BB-2590 battery power ports
1 x Power / Debug Button
3 x M&C buttons
1 x LCD display
Wi-Fi

POWER

Standby:	149 W
Battery:	197 W
Plugin Power Supply:	240 W
Can operate on VAC or VDC power	

ACQUISITION TIME

5 minutes (initial)
1 minute (re-acquisition)

