Higher Ground

SatPaq2C® Information

SatPaq2C® [TRL9] provides worldwide secure LPI/LPD SATCOM connectivity to the tactical user. Building upon the highly successful SatPaq1 and SatPaq2 (1000s in use today). The system architecture allows for secure data to be sent from any location to our gov cloud IL4 environment with access to additional networks and services.

Technical Specifications:
RF: C band
RF Power: -53 dBW/Hz
Weight: 4 oz
Dimensions: 5.1 in x 2.7 in x 0.7 in
Modulation: BPSK / DSSS

Uses: Pocket-sized BLOS SATCOM Connectivity for dismounted Operator; low observability reconnaissance; Out-of-Band Network Control; Search and Rescue; Transportation Logistics

ABOUT HIGHER GROUND

Founded in 2012, HG develops products to connect the world with small, convenient, reliable connectivity over geostationary satellites.

Higher Ground has developed various technical advancements for DoD, NASA, Homeland Security, and FAA.

CONTACT INFORMATION
www.higherground.earth
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SATPAQ2C®

The SatPaq2C® a handheld, software-defined radio (SDR) that provides robust, resilient, beyond-Line-of-Sight (BLOS) communications capability ideal for LPI/LPD missions with Low SWaP, optimized for dismounted users.

- PLI, text, data infil/exfil, compressed photo, TDL
- Real-time, robust communications
- Pocket-to-GEO SATCOM
- Anti-Jam/Detect
- XPI/XPD (exceeds LPI/LPD)

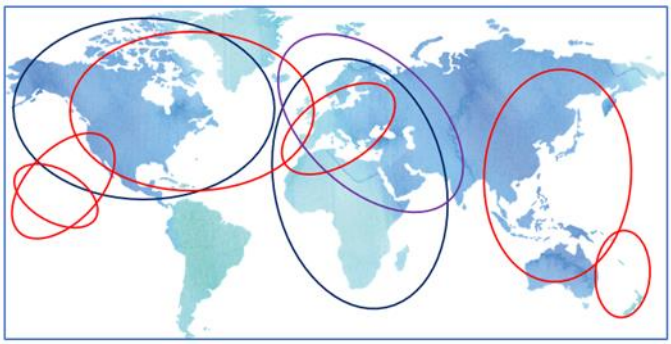
CONVENIENCE

The SatPaq2c(v2) connects via Bluetooth or USB-C to Android devices for messaging and control. The v2 incorporates a new RF filter to keep strong 5G signals from overpowering the device. Our SpaceLinq® application provides secure data distribution / interfaces to user applications [TRAX, ATAK, LATTICE, etc].

FEATURES & BENEFITS

- 3 dB improved antenna
- **XPI/XPD** (XPx™)
- Dynamic Spread Code
- **Tactical Data Links** (TDL) integration
- Low Power
- Directional Antenna
- **End-to-end encryption**, FIPS 140-3 certified (CY2025Q4)
- NETOPS – MS Azure IL4
- APNT [CY2026Q2 demo]

COVERAGE



Covered by 40 U.S. Patents