

The IBUC Advantage

All IBUCs are equipped with cutting-edge intelligent technology:

- Highest quality & exacting performance guaranteed through individual unit testing over temperature
- Superior linearity for maximum useable output power
- Amplifier overdrive protection
- User-selectable AGC/ALC for optimal performance & compatibility with modem adaptive coding
- New high capacity microprocessor & extended M&C functions
- Weatherized RJ45 Ethernet interface for simplified connection

ULTIMATE MANAGEMENT & CONTROL

- » Local Web Interface & NMS-Friendly SNMP «
- » 70+ User Configurable Thresholds & Alarms «
- » Upgraded Event Log with 1,000 Sensor Readings «
- » Performance Trend Analysis Tools & Statistical logs «
- » Embedded Web Pages for Universal Web Browser Access «

Applications

The new **IBUC G** now supports multicarrier transmission across the entire Ku-band spectrum. The **IBUC G** delivers the highest available output power, making it an ideal solution for high data rate applications such as maritime, broadcast and network hubs. Terrasat's unique implementation is designed for long lifetime performance in demanding environments.

Gallium Nitride amplifier technology enables smaller packaging for antenna mounting, eliminating the losses in long waveguide runs. And the greater power efficiency translates to an appreciable reduction in power consumption. Comparing favorably with earlier technology TWTAs, the GaN **IBUC G** delivers maximum linear output power with the reliability of solid state.

Options

- 1+1 Transmit Redundancy with Eco-Mode
- High Stability Internal 10 MHz Reference with Auto-Detection
- Three Factory Select Bands (Low, Std, and Full Ku-Bands)
- Mounting Brackets
- N-Type, F-Type, or TNC Input Connectors
- Handheld Terminal
- Cyber Hardened Core M&C
- WGS (Wideband Global SATCOM) compatible.

Ku-Band **IBUC G**

150W & 200W GaN **IBUC** for multicarrier application



New **Cyber Hardened** version available

Multicarrier Application

150W $P_{Lin,75W}$ & 200W $P_{Lin,100W}$

GaN Tech Amplifier

3 Year Warranty

Note: Since not all the optional features can be combined, please, contact our sales team for further info at: Sales@Terrasatinc.com

Monitor & Control - For Standard Versions

Ethernet (HTTP, Telnet, SNMPv2c) via RJ45 Connector

RS232/485, Handheld Terminal via MS-Type Connector

FSK I†tžrt;Š;7 om \$*

Monitor & Control - For Cyber Hardened Versions

Ethernet P \$\$ "7 " " ^'7 " ^' %b|_ &" -m7 (Q ^b- ! " omm;1|

RS232 via MS-Type Connector

XSS P uovv "b|; "1ubržm]Q

Two NTP Servers uo^b7bm] !;7†m7-m1<

" •"•J' 1olr-ž0t;:

\$_; <0;u -u7;m;7 ^;uvbomv _-^; ;10;77;7 m;%o _b]_J;m7 <0;u
_-u7%-u; |o vo[%-u;7 bm1t†7bm] - m;%o 1om|uott;u 0o-u7 -m7
ou =†u|_;u 7;|-btv7 u;=;u |o |_; <0;u -u7;m;7 & v= 7-|-v_;
[%o%o%o:|;uu-v-žm1:1obFonthe††1Q,vF -u7;m;7: -;](#)