Tactical Internet Gateway (TIG) PRO

INTERNET SECURITY

Bryodyn Technologies builds and implements technology solutions that provide real-time security while guarding against both internal and external threats.

USER FRIENDLY

While it can appear complex in its capabilities, the Tactical Internet Gateway (TIG) is rugged and durable, yet simple to operate. Users do not have to be an information technology specialist to work the equipment, it's intuitive and easily managed.

EQUIPMENT INCLUDED

- Peplink 4G/LTE Router
- Rugged SKB Case
- Integrated Dual Cellular, Wi-Fi, & GPS
- Integrated Antenna
- Fully integrated Lithium Iron Phosphate Battery

Bandwidth, delay, and performance issues have long been a source of constraint for many remote government users. Our nation relies on the health and security of not only our government's critical information technology infrastructure, but in the communications tools as well. According to the U.S. Government Accountability Office (GAO), two major challenges for the federal government today are protecting cyber critical infrastructure and securing federal systems and information. The Tactical Internet Gateway (TIG) guards against intercepted transmissions and ensures secure communication.

The TIG is designed to fully connect via multiple Wide-Area Network (WAN) which relies upon Local Area Networks (LAN) to cover a large geographical area. Complete with site-to-site VPN, integrated GPS with web blocking, secure firewall, AES 256-bit encryption, multicast / unicast bridging and protection against denial of service (DoS) attacks, communication regardless of location or signal has never been easier or more convenient. Device management is achieved via an intuitive administrative web interface that is reliable and easy to use.

Size: 16.25" x 12.875" x 6.75"
Weight: 19 pounds
Power: ~12 Hours

Bryodyn TECHNOLOGIES™

Tactical Internet Gateway (TIG) PRO

TECHNICAL SUPPORT

Bryodyn Technologies offers technical support to your teams 24/7 regardless of location or time zone.

DEVICE MANAGEMENT

Devices are managed via a convenient and secure administrative web interface, command line interface, or public cloud or on-premise InControl Cloud Management.

TURNKEY SOLUTIONS

Bryodyn Technologies systems engineers build fully auto-mated, customized turnkey solutions designed to solve even the most complicated of challenges.

For more information on any of our products or services, please contact us at one of the following:

www.bryodyn.com

888-503-3801

info@bryodyn.com

Features

- One Gigabit Ethernet WAN Port
- Four Gigabit Ethernet LAN Port
- Built in Wi-Fi 802.11ac/a/b/g/n
- Dual LTE Modems (3G / 4G / FirstNet / International)
- Bonding & aggregation of active WAN links
- WAN Smoothing
- Traffic Steering
- Hot Failover between all active WAN connections
- L2 bridging to allow for easy integration of Multicast / Unicast, CoT / PLI traffic without complicated configurations
- Starlink / SATCOM / VIASAT / Microwave integration support via WAN Port (sold separately)
- MANET Radio Support (Doodle Labs, DTC, Persistent Systems, Silvus, TrellisWare) integration via LAN port (sold separately)
- Private / Tactical LTE integration support via LAN port (sold separately)
- SD-WAN Bandwidth Bonding
- VPN Encryption AES-256-GCM
- Easy integration into CSfC architecture

WAN: Support for PPPoE, Static IP, DHCP; WAN Link Health Check; Bandwidth Allowance Monitor; support for dynamic DNS services

LAN: DHCP server for LAN clients, extended DHCP option, DHCP reservation, DNS proxy for LAN clients, and VLAN on LAN support.

Security: Stateful firewall, DoS prevention, web blocking.

Complete VPN Solution: SpeedFusion VPN, Hot Failover, Site-to-Site VPN, AES 256-bit encryption, and pre-shared key authentication.

Global Positioning System: Integrated GPS, Device Location Map, and location tracking data with Cloud Management tool.

Advanced QoS: Individual bandwidth limit, application prioritization, SIP, HTTPS, VPN QoS, and custom application QoS.

Networking: NAT, IP, and port forwarding; static routes; Many to One and One to One NAT; NAT Pool, SIP ALG, H.323 ALG; and UpnP, NAT-PMP.

Captive Portal: Support for wired/wireless LAN clients, RADIUS authentication, time/usage quotes in open access mode, and built-in customizable splash page.

Cellular 1 (CAT-7):
B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71

Cellular 2 (CAT-12):
B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66

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