IpTL *Fast*Lane™ 7 NetBlazer™ Secure Remote Access Adapter
Connect, Secure, and Communicate with the Worlds Smallest VPN Appliance

The IpTL Model 7 NetBlazer™ Secure Remote Access Adapter provides true plug-and-play secure & clientless access for on-the-go users.   More than a VPN, the NetBlazer™ delivers full network access to all corporate resources and with your PC, phone, or tablet. Transparent to your data, your applications, your peripherals, the NetBlazer lets you work without modification while preserving security.

Just like the World's Longest Ethernet Cable™ IpTL's unique combination of transparency, security, and management delivers Trust-and-Control™ anywhere, anytime, and over any network.

- Mobile user secure remote access and automatic VPN connectivity—Does not require host.

- VPN client replacement—totally clientless operation

- Wired Ethernet and Wireless 802.11n operation

- Self-Powered from USB port—Size of a flash drive

- X.509v3/AES256 trust, dynamic keys, & Perfect Forward Secrecy.

- Fully compatible with any IpTL FastLane™ Series appliance.

- Manage and control locally or with the IpTL ViewPoint™ platform. Remote brick if lost.

- Inherent 2-factor security

- Lock PC to Dongle with SuperNAC™ for true user security

IP Technology Labs

Network Communications Simplified™

IP Technology Labs LLC
3470 Olney-Laytonsville Rd. #313
Olney Maryland USA
T: +1 301 570 6611
F: +1 301 570 8049
W: IpTechnologyLabs.com
E: marketing@IpTechnologyLabs.com

Device Overview

- Compact dongle plastic enclosure, 3 status LEDs: Power, Tunnel, WiFi.
- Supports a single 1 simultaneous tunnel connection—bridged or routed.
- Transparent tunneling of L2/Ethernet frames full AES256 encryption and compression. Connections are between IpTL appliances.
- Unlimited host support, Unlimited Networks, Unlimited VLANs.
- AutoConnect™ provides Auto-discovery of tunnel end-points through NAT/Routers/Proxy's. (single instance)
- User configurable voluntary, compulsory tunnels, or split-tunnels.
- Firewall and ACL's provide granular traffic management as well as protection for both Local, Uplink, and each Tunnel.
- USB powered and Ethernet Interface to underlying OS
- Standard 1 year warranty. Extended warranty and support services available.

Network Interface

- Single USB port presents NDIS Ethernet port to underlying system. Drivers for Windows 7/8, MAC.
- Single 802.3TX 10/100 Ethernet RJ45 jack. Auto-sensing full- and half- duplex operation on all ports. Can function as a detached WAN interface for NAT/perimeter security operation.
- Internal 802.11 WiFi b/g/n
- Any interface can be used to establish/terminate tunnels.

Management & Configuration

- Internal web server management with selectable HTTP/HTTPS port. User configurable admin and monitor passwords.
- SNMP v1 MIB II; User selectable enable/disable, SNMP Variables, Tunnel Status & Tunnel Octet In/Out, Ethernet Status & Ethernet Octet In/Out. SNMP Traps for device and tunnel events.
- Syslog output with configurable server.
- Configuration export/import (encrypted) and system upgrade.
- User VLAN or Definable IP Address and Subnet Mask and Port for management.
- User selectable enable/disable support system or real-time resource options.
- Internal reset/factory reset button.
- Use with IpTL Model T7700 management server for independent positive control and management of fielded appliances.

Connectivity

- Armored Tunnel with TLSv1.2/1.3, L2TPv3, PPTPWrapper Tunnel operations with AES-256 CBC/GCM with SHA-1 or SHA-2(256/384) HMAC, key encryption ECDHE Perfect Forward Secrecy.
- Dynamic keying and automatic rekeying (every 5 minuets, user adjustable) with X.509 PKI certificates. Username/Password option for tunnel authorization. Separate per-tunnel password for link authorization. User configurable rekey based on time and/or data throughput.
- Configurable TCP/UDP tunnel with single port for all control & payload.
- Auto-learning with 8,192 MAC address table and unlimited hosts and networks support between LANs.
- Jumbo Ethernet frames with default MTU of 2K. VLAN (4,096) tagging on Client or Server; VLAN trunking out single Ethernet; InterVLAN routing. Will pass VLANs, VTP, & ISL.
- User configurable L2 and L3 filters on IP/Port or MAC Address. Stateful inspection processing and filtering with new, established, or related operation. Quick access buttons for immediate config.
- Lossless compression—typical 20%-30% efficiency.
- Integrated DHCP client and server, DNS server, PPPoE client, and NTP client; RealTimeResource™ DNS services & AutoConnect™ standard. Built in DynDNS client; IPShare™ with Tunnel NAT.
- Detached Ethernet/WAN interface with NAT and user defined port forwarding. L3 Routed tunnel mode supports full IPv4 routing and subnetting
- Full redundancy with bonded tunnel, roll-over, and VRRP.
- SuperNAC™ Identity Based Software Defined Perimeter Network Access Control

Filtering & Quality of Service

- User configurable L2 and L3 filters on IP/Port or MAC Address. Stateful inspection processing and filtering with new, established, or related operation. Quick access buttons for immediate config.
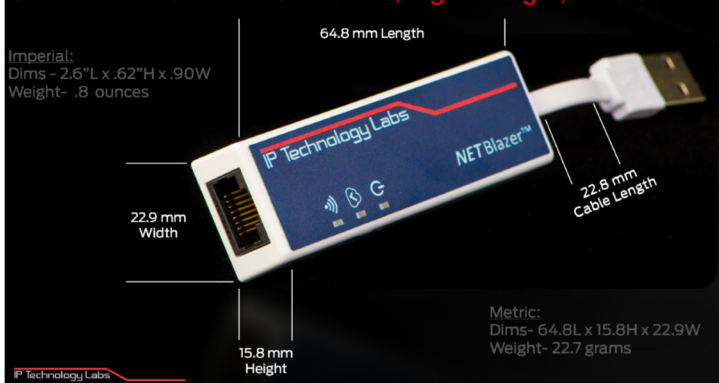- DSCP/TOS priority into three queues. E.g. EF = priority queue 0.

Operating

- 5VDC@250mA max (148mA nominal) power input via USB port
- Operating Temperature: 0° to 40°C Humidity: 5% - 90% non-condensing.
- Dimensions: 2.6"Lx.62"Hx.90W inches (64.8Lx15.8Hx22.9W)
- Weight: .8 ounces (22.7 grams)

Regulatory Compliance & Certifications

- NRTL Safety: UL 60950-1, CSA C22.2 No. 60950-1; AS / NZS 3260, TS 001; Emissions: FCC Part 15 Class B, EN 55022A
- CE Mark, RoHS, WEEE,
- UAE TRA Auth: No. ER0091039/12

Convenient Form-Factor – Small, Light-Weight, Discreet

Imperial: Dims - 2.6"L x .62"H x .90W Weight- .8 ounces
64.8 mm Length
22.9 mm Width
15.8 mm Height
22.8 mm Cable Length
Metric: Dims- 64.8L x 15.8H x 22.9W Weight- 22.7 grams

Ordering Information

10070-7-01 IpTL NetBlazer Model 7 Secure Remote Access Adapter with integrated 802.11 WiFi; Wifi Access Point or Station-Uplink operation; local or remote operation; can be configured for AutoConnect; Internal Antenna; Single 10/100 802.11TX FastEthernet port; USB Port presents NDIS Ethernet to underlying OS; USB Port powered 5VDC@250mA max; Standard 1 year warranty.

To learn more, contact your IPTL Representative, Authorized Reseller, or Sales Agent or visit our Web site at www.IpTechnologyLabs.com

IP Technology Labs

IP Technology Labs LLC
3470 Olney-Laytonsville Rd #313.
Olney Maryland USA
T: +1 301 570 6611
F: +1 301 570 8049
W: http://IpTechnologyLabs.com
E: marketing@IpTechnologyLabs.com