

IpTL 75 *FastLane*™ Secure Transparent Bridging Gateway

Transparently & Securely Connect and Tunnel Ethernet LANs over any Network

Immediately create your own secure private network and eliminate device and configuration incompatibilities without the difficulty of self-administered VPNs.



- Transparently and Securely Bridge any Ethernet LAN over the Internet or any IP Network.
- Seamless access to all computing resources. Unlimited Users/Hosts.
- Transparent to all LAN protocols including VoIP, Windows, IPTV Multicast IGMP traffic.
- Passes all VLAN tagged traffic, Jumbo Frames, and Cisco ISL.
- Configurable QoS, Filtering, and Firewall.
- Works through NAT, DHCP, or other Routers and firewalls.
- Built-in security with selectable AES-128/256 or Blowfish encryption.

IP Technology Labs
Network Communications Simplified™

Device Overview

- Compact metal enclosure; cool low-power & fan-less operation.
- 13 front panel status LEDs: System, Ethernet, Load/Usage.
- Transparent tunneling of Ethernet frames from Ethernet-LAN-to-Ethernet-LAN with full AES encryption and compression.
- Auto-discovery of tunnel end-points through NAT/Routers/Proxys.*
- Unlimited host support—no network host limitation.
- Dual Point-to-Point bridged links, full-duplex, and transparent operation.
- User configurable voluntary or compulsory tunnels.
- Firewall and ACL's provide granular traffic management as well as protection for both Local, Uplink, and each Tunnel.
- Standard 1 year warranty. Extended years warranty available.

Network Interface

- 10/100/1000 802.3TX Ethernet, Shielded RJ45 jack; one uplink (WAN), three local switched (LAN). Any interface can be used to establish tunnels.
- Auto-sensing full- and half- duplex operation on all ports.
- 802.af POE on Uplink port for powering unit without adapter.

Filtering & Quality of Service

- User configurable L2 and L3 filters on IP/Port or MAC Address. Statefull inspection processing and filtering with new, established, or related operation. Quick access buttons for immediate config.
- User defined L2 and L3 QoS, CBQ or HBT, with application/IP or host/MAC filtering on any interface; ACL filtering on MAC address, source and destination address, and protocol type.
- NETBIOS filtering low/pass/block/Deny of Windows broadcasts/Netbios data on a per tunnel basis.
- Filter logging for status; front panel indicator flashes on firewall event.

Management & Configuration

- Plug-and-Play auto-discover and configuration or manual point-to-point configuration.
- Integrated battery backed-up real-time clock.
- Superfast internal web server and control with selectable HTTP/HTTPS.
- Telnet/SSHv2 CLI option; EIA-232 DTE DE-9F Console port.
- SNMP v1 MIB II; User selectable enable/disable, SNMP Variables, Tunnel Status & Tunnel Octet In/Out, Ethernet Status & Ethernet Octet In/Out.
- User Definable IP Address and Subnet Mask and Port for management.
- DHCP client for automatic address with simultaneous secondary IP.
- User selectable enable/disable Configure/Monitor/Change all attributes.

Ordering Information

SKU: 10070-75-01 FastLane IpTL 75 Secure Tunneling Bridge and Ethernet VPN Security Gateway, Point-to-Point Connections configurable as either local or remote, quad 10/100/1000 Ethernet, Single unit, POE power input only. External Power Supply ordered extra. Use with any Model 70 Series remote client or server.

SKU: 10070-75-02 FastLane IpTL 75 (2-Pack) Secure Tunneling Bridge and Ethernet VPN Security Gateway, Point-to-Point Connections configurable as either local or remote, quad 10/100/1000 Ethernet, Two units included with SKU, POE power input only on both units. External Power Supplies ordered extra. Use with any Model 70 Series remote client or server.

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

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Connectivity

- Point-to-Point operation with bridging between all interfaces.
- SSL tunnels with AES-128 CBC and -256 bit key encryption default (selectable DES-EDE3-CBC,3DES-CBC, Blowfish-CBC) Other encryption options available.
- HTTP Tunnel option (SSL traffic is encapsulated into HTTP sessions)
- Key with X.509 PKI certificates. Username/Password option for tunnel authorization. Separate per-tunnel password for link auth.
- Heartbeat for tunnel keepalives; Per-tunnel link indication LED.
- Auto-learning with 8,192 MAC address table and unlimited HOST support between LANs.
- User selectable voluntary/compulsory and tunnel gateway modes through filters. Compulsory dictates all traffic will go through tunnel. No local-to-uplink access. Voluntary tunnel will only ARP for tunnel subnet traffic/hosts. Default Internet access via local router.
- ACL's present to permit/allow tunnel traffic to emit to local LAN.
- LZ0 lossless compression with adaptive compression algorithms.
- Tunnel/Gateway Mode intercepts traffic for the remote LAN and tunnels only that traffic (subnet or MAC defined) to the remote.
- Configurable TCP/UDP tunnel with single port for all control & payload. No-configuration NAT and Firewall traversal.*
- DHCP client and server for WAN side and/or LAN side.
- Integrated DNS server with auto remote learning and DHCP lease issue registration. Each end of link learns local DNS and auto-sharing between end-points.
- Integrated DynDNS support.
- NTP Client.
- Bridge tunnel support jumbo Ethernet frames including VLAN and Cisco ISL frames sizes. Default MTU 2,000.

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

Operating

- Desktop mounting. Wall mount rails optional.
- 48 VDC @ 250mA power input via locking 2.1mm coax barrel
- POE input on Local (WAN) Ethernet.
- Operating Temperature: 0° to 50°C Humidity: up to 90% non-condensing

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