

# The Heart of your Connection-Redundant Secure Small Office Network

The Linksys 10/100 4-Port VPN Router is an advanced Internet-sharing network solution for your small business needs. Like any router, it lets multiple computers in your office share an Internet connection. However, with dual Internet ports, the RV042 lets you connect a second Internet line. The second line can be used as a backup to insure that you're never disconnected, or both Internet lines can be active simultaneously to increase bandwidth of your Internet connectivity.

The 10/100 4-Port VPN Router also features a built-in 4-port full-duplex 10/100 Ethernet switch to connect four PCs directly, or you can connect more hubs and switches to create as big a network as you need.

The Virtual Private Network (VPN) capability creates encrypted IPSec or PPTP based "tunnels" through the Internet, allowing up to 50 remote offices or traveling users to securely connect into your office network from off-site. Users connecting through a VPN tunnel are attached to your company's network -- with secure access to files, e-mail, and your intranet -- just as if they were in the building. You can also use the VPN capability to allow users on your small office network to securely connect out to a corporate network.

The 10/100 4-Port VPN Router can serve as a DHCP Server and has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks. It also supports the Trend Micro™ ProtectLink™ Gateway Security Services that enable you to dynamically block unwanted or unsafe URLs and Emails. Configuration is a snap with the web browser-based configuration utility.

As the heart of your small office network, the connection-redundant Linksys 10/100 4-Port VPN Router gives you the connection reliability your business needs.

Features dual Internet ports for load balancing and connection redundancy Securely connects up to 50 remote offices or traveling users to your office network via VPN

Supports Dynamic URL Filtering and Email Scanning services from Trend Micro (optional) Advanced SPI firewall protects your PCs from most known Internet attacks

**RV042** 

**PRODUCT DATA** 

**BUSINESS SERIES** 

10/100 4-Port VPN Router

CISCO

Model: RV042

#### **Features**

- Stateful Packet Inspection Firewall for maximum security
- · 2 WAN ports for load balanced connectivity to the Internet
- 4-Port 10/100 Switch supports Auto-MDI/MDIX and up to 200Mbps of throughput per port
- Dynamic URL and Email scanning through Linksys ProtectLink Gateway services from Trend Micro (optional)
- Full IPSec Virtual Private Network (VPN) Capability using DES, 3DES and AES **Encryption Algorithms**
- Support for MD5 and SHA **Authentications Algorithms**
- Create up to 50 simultaneous IPSec and 5 **PPTP VPN Tunnels**
- · Management via Web, SNMP, and Setup Wizards make setup easy for Administrators
- Bandwidth management capabilities for improved
- Supports up to 50 QuickVPN users

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# 10/100 4-Port VPN Router

#### **Specifications**

Model RV042

Standards IEEE 802.3, 802.3u

Ports 4 10/100 RJ-45 Ports, 1 10/100 RJ-45 Internet Port, 1 10/100 RJ-45 DMZ/

Internet Port

**Buttons** Reset Cabling Type UTP Cat5

**LEDs** System, DIAG, DMZ/Internet, DMZ Mode, 1-4

**Performance** 

NAT Throughput 100 Mbps **IPSec Throughput** 59 Mbps

Security

Firewall SPI Firewall **Access Rules** Up to 50 entries Port Forwarding Up to 30 entries Port Triggering Up to 30 entries

**URL Filtering** Static list by domain or keywords (included), Dynamic Filtering through

Linksys/Trend Micro ProtectLink Gateway services (optional)

**Network** 

**Dual WANs** Can be configured for Smartlink Backup or Load Balance

Protocols can be bound to particular WAN port under Load Balancing **Protocol Binding** 

**DHCP** DHCP Server, DHCP Client

DNS DNS Proxy, Dynamic DNS (DynDNS, 3322, PeanutHull)

NAT Many-to-One, One-to-One DMZ Port, DMZ Host DMZ Routing Static and RIP v1, v2

Management

Web-based **HTTPS** 

**SNMP** Supports SNMP v1 and v2c

Logging Syslog, Email Alert

QoS

Port-based OoS Configurable per LAN Port Service based OoS Supports Rate Control or Priority

Rate Control Upstream/Downstream bandwidth can be configured per Service Priority Each service can be mapped to one of the 3 priority levels

**VPN** 

**IPSec** 50 IPSec tunnels for branch office connectivity 50 QuickVPN users for remote client access QuickVPN **PPTP** Built-in PPTP Server supporting 5 PPTP clients DES, 3DES, AES-128, AES-192, AES-256 Encryption

Authentication MD5, SHA1

**IPSec NAT-T** Supported for Gateway-to-Gateway and Client-to-Gateway Tunnels

VPN Pass-through PPTP, L2TP, IPSec

**Environmental** 

Dimensions 5.12" x 1.52" x 7.87" (130mm x 38.5mm x 200mm)

Weight 1.27lbs (0.5755kg)

Power 12V 1Amp

Certification FCC Class B, CE Class B, cUL Operating Temp. 0°C to 40°C (32°F to 104°F) Storage Temp. 0°C to 70°C (32°F to 158°F) **Operating Humidity** 10% to 85% Non-Condensing Storage Humidity 5% to 90%, Non-condensing

#### **Package Contents**

- RV042 10/100 4-Port VPN Router
- Wallmount AC Power Adapter
- Setup CD with User Guide in PDF format
- Ethernet Cable
- Quick Installation Guide

#### **Minimum Requirements**

- Broadband Connection for Internet Connection Sharing
- Network adapter with Ethernet network cable and TCP/IP protocol installed per PC
- Web-based configuration Java/Cookies/SSL-Enabled web browser

#### Also works with:

SLM224G 24-port 10/100 + 2-port 10/100/1000 Gigabit Smart Switch with

2 combo SFPs

WAP200 Wireless-G Access Point with Power Over Ethernet and RangeBooster

LBATMPG05 Linksys/Trend Micro ProtectLink Gateway 5-seat License

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at www.linksys.com

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Check the product package and contents for specific features supported. Specifications are subject to change without notice.



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