LINKSYS®
A Division of Cisco

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.

RV042

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

PRODUCT DATA

BUSINESS SERIES

10/100 4-Port VPN Router

Model: **RV042**

CISCO™

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
Protocol Binding	Protocols can be bound to particular WAN port under Load Balancing
DHCP	DHCP Server, DHCP Client
DNS	DNS Proxy, Dynamic DNS (DynDNS, 3322, PeanutHull)
NAT	Many-to-One, One-to-One
DMZ	DMZ Port, DMZ Host
Routing	Static and RIP v1, v2

Management

Web-based	HTTPS
SNMP	Supports SNMP v1 and v2c
Logging	Syslog, Email Alert

QoS

Port-based QoS	Configurable per LAN Port
Service based QoS	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
QuickVPN	50 QuickVPN users for remote client access
PPTP	Built-in PPTP Server supporting 5 PPTP clients
Encryption	DES, 3DES, AES-128, AES-192, AES-256
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.	0ºC to 40ºC (32ºF to 104ºF)
Storage Temp.	0ºC to 70ºC (32ºF to 158ºF)
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

PRODUCT DATA

BUSINESS SERIES

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

80519NC-CH   Model: **RV042**