



## Services Router with sixteen port 10/100 LAN for Linksys One communications solutions

**Linksys One** is a complete, affordable, easy-to-install communications solution for growing businesses, delivering telephones, data networking, applications, and the Internet through one high-speed connection from a single provider. Business class communications services are delivered by a Linksys One Services Router, which requires only one internet connection for all services - including low-cost phone service. The Linksys One Services Router is the core for your network and is present in all Linksys One solutions.

Linksys One Service Routers are easy and cost-effective to install, manage and expand. It does not require you to have specialized technical expertise. Linksys One technology is automatic and self-configuring – plug in a Linksys One phone or other device to the Services Router and your business is ready to communicate. It enables a high-speed office network and phone service to be up and running in very little time. The Linksys One SVR3000 services router has onboard software that integrates security, reliability and quality of service to support business quality Linksys One communications services.

The Linksys One SVR3000 services router delivers 16 ports of fast Ethernet LAN switching with full support for IEEE 802.3af Power over Ethernet on each port. All Linksys One IP Phones and Voice Gateways may be fully-powered over these ports without a separate power adapter. Two 10/100 WAN ports provide access to the internet either directly or through a separate broadband router or bridge device. Two 10/100/1000 BaseT ports offer cascaded expansion to other switches or application servers so the system can be easily and cost-effectively expanded as your business grows.

No need to worry about cable type. All LAN and expansion ports have automatic MDI/MDI-X crossover detection and polarity detection will automatically correct cabling errors. Each port independently and automatically negotiates for best speed and mode (half- or full-duplex). Head-of-line blocking prevention keeps high-speed clients from bogging down in lower-speed traffic and fast store-and-forward switching prevents damaged packets from being passed on into the network. The Services Router enables an easier, more complete business communications solution.

Enables Linksys One voice product services including QoS, VLAN, SIP ALG and IEEE POE



Provides auto-discovery and auto-configuration of Linksys One devices, including IP phones



Two 10/100 full duplex WAN ports, two 10/100/1000 expansion ports



Sixteen 10/100 full duplex, auto-sensing MDI/MDI-X LAN ports

# Services Router with 16-Port 10/100 LAN

Model No. SVR3000

## Features

- System automated voice/data configuration and web admin interface makes solution installation and setup easy
- Supports simplified ease of configuration for all Linksys One voice components such as IP phones
- 16 10/100 LAN ports
- 2 10/100 WAN ports
- 2 10/100/1000BaseTX ports for Gigabit Ethernet expansion and High-speed Server connection
- Supports half duplex and full duplex modes and auto-negotiation for all LAN and expansion ports
- Auto MDI/MDI-X supports cable detection on all LAN and expansion ports
- Support for full IEEE 802.3af Power over Ethernet on all sixteen LAN ports
- Routing engine support for RIP, DNS, DHCP, TCP, UDP and other IP protocols
- Multiple VLAN trunking (on all ports) and voice QoS support using IEEE 802.1p/q and Differentiated Services Code Point (DSCP)
- Traffic classification re-marking for QoS policy enforcement
- Outbound WAN priority queuing, traffic shaping and TCP MSS for ensuring proper QoS handling of high-priority traffic such as voice
- Stateful Packet Inspection (SPI) Firewall with automatic Application Layer Gateway Support for protocols such as SIP for Voice Over IP
- WAN Load-balancing with Fail-over. Traffic can be distributed across two ISP connections and in case of an ISP connection failure all traffic will be sent across the other active ISP connection.
- WAN DSCP-based Policy Routing with Fail-over - High-priority traffic such as Voice can be routed out a specified ISP connection while low-priority traffic is routed out the other ISP connection.
- Site-to-Site and Remote Access IPsec VPN with preshared key or embedded digital certificates
- Integrated Windows File Server - An external USB Storage Key can be plugged in and mounted as a Windows share for file storage and sharing
- Secure remote device management
- The DMZ (Demilitarized Zone) Host feature allows one local computer to be exposed to the Internet
- Physical security lock port
- System automated voice/data configuration and web admin interface makes solution installation and setup easy

## Specifications

Model	SVR3000 - 16-Port 10/100 Services Router with two 10/100 WAN
Standards	IEEE 802.3, 802.1p, 802.1q
Ports	16 10/100 RJ-45 LAN POE ports, 2 10/100 WAN ports, 2 10/100/1000 ports
Buttons	System button for cascaded operation
Cabling Type	Cat5 or better
LEDs	System, Link/Activity
Security features	ACL, VPN (50 IPsec tunnels), App Layer Gateway, embedded digital certificate

## Environmental

Dimensions	12.09" x 11.77" x 1.38" (307 mm x 299 mm x 35 mm)
Unit Weight	9.11 lbs. (4.13 kg)
Power	100-240V
Certification	UL (UL 1950), CSA (CSA 22.2), CE mark, EN60950 (2001)
Operating Temp.	32° F to 104° F (0° C to 40° C)
Storage Temp.	-40° F to 158° F (-40° C to 70° C)
Operating Humidity	20 to 95% Non-Condensing
Storage Humidity	5 to 90% Non-Condensing

## Package Contents

- SVR3000 - 16-Port 10/100 Services Router
- AC Power Cord
- Rack Mounting Kit with brackets and hardware
- Wall Mounting Kit with brackets and hardware
- USB flash memory key
- CD with System Administration User Guide
- Quick-Start Installation Guide

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Specifications are subject to change without notice.