Secure, reliable, intelligent, managed gigabit switching for your growing business

Growing businesses require cost effective, networking solutions that can scale with ever changing business needs. The Linksys SRW2024 Switch with WebView brings gigabit speeds to your users and servers, while adding a whole new level of intelligence and security to the network infrastructure. The 24 10/100/1000 Mbps ports enable you to take advantage of the Gigabit Ethernet interfaces shipping on the current generation of servers, workstations and storage devices in addition to supporting your existing 10/100 Mbps clients. The optional gigabit optical interfaces allow you to expand the network as your business grows.

Network security is a top priority in any size business. Unauthorized access to the network and mission critical data is a constant concern. The SRW2024 is able to secure the network through 802.1X port authentication. 802.1X requires clients to authenticate themselves before the port will pass data.

Businesses are recognizing the benefits of doing Voice over IP (VoIP) and are quickly migrating their voice services to IP based platforms, requiring their local area networks to support both voice and data applications. In unmanaged IP networks, bursty data sessions can disrupt voice packet delivery, causing poor voice quality. With the enhanced QoS and traffic management features in the SRW2024, voice data can be prioritized, ensuring clear and reliable voice communications.

Enabling the SRW2024 advanced features further secures the integrity of your network. The WebView interface provides an intuitive, secure management interface enabling you to better utilize the comprehensive feature-set of the switch, resulting in a better optimized, more secure network.

Brings gigabit speeds to your network, addressing the needs of power users and high bandwidth applications

Increases network security secure user control via 802.1X port authentication

Enables the network to be optimized for your networked applications, including voice, video and data storage

Provides intelligent traffic management with rate limiting, policing, shaping, and multicast support

24-Port 10/100/1000 + 2-Port MiniGBIC Gigabit Switch with WebView
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Features
- 24 10/100/1000 Gigabit Ethernet ports
- 2 MiniGBIC slots for Fiber Gigabit Ethernet expansion
- Non-blocking, store-and-forward switching mechanism
- Simplified QoS management enabled by advanced queuing techniques using 802.1p, Diffserv or ToS traffic prioritization specifications
- Configuration and monitoring from a standard web browser with WebView management
- Secure remote management of the switch via SSH and SSL secure channel network protocols
- 802.1Q based VLANs enable segmentation of networks for improved performance and security
- Private VLAN Edge for simplified network isolation for guests connections or autonomous networks
- Automatic configuration of VLANs across multiple switches through GVRP/GARP
- Automatic port configuration through auto MDI/MDIX and 802.1ab (LLDP)
- User/Network port level security via 802.1X authentication and MAC-based filtering

Specifications
- Model: SRW2024 - 24-Port 10/100/1000 Gigabit Switch with WebView
- Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802.1q
- Ports: 24 10/100/1000 RJ-45 ports and 2 shared MiniGBIC slots
- Cabling Type: Cat5e or better
- LEDs: System, Link/Activity, Gigabit

Performance
- Switching Capacity: 48 Gbps, non-blocking
- MAC table size: 8K
- Number of VLANs: 256 VLANs

Management
- Web User Interface: Built-in Web UI for easy browser-based configuration (HTTP/HTTPS)
- SNMP: SNMP version v1, v2c, v3 with support for traps
- SNMP MIBs: RFC1213 MIB-2, RFC2863 Interface MIB, RFC2665 Ether-like MIB, RFC1493 Bridge MIB, RFC2674 Extended Bridge MIB (P-bridge, Q-bridge), RFC2819 RMON MIB (groups 1,2,3,9 only), RFC 2618 RADIUS Client MIB
- RMON: Embedded Remote Monitoring (RMON) software agent supports four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis
- Firmware Upgrade: Web Browser upgrade (HTTP), TFTP upgrade
- Port Mirroring: Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe
- Other Management: RFC854 Telnet (Menu-driven configuration), Secure Shell (SSH) and Telnet Management RADIUS, TACACS+, Telnet client, SSL security for Web UI, Switch audit log, DHCP client, SNTP, Xmodem upgrade, Cable diagnostics, PING, Traceroute, Syslog

Security
- IEEE 802.1X
- Access Control: 802.1X - RADIUS Authentication. MD5 Encryption, ACLs - Drop or rate limit based on: Source and destination MAC-based, Source and destination IP address*, Protocol*, ToS/DSCP*, Port*, VLAN*, Ethertype*

Availability
- Link Aggregation: Link Aggregation using IEEE 802.3ad LACP, Up to 8 ports in up to 8 trunks
- Storm Control: Broadcast, Multicast, and Unknown Unicast
- Spanning Tree: IEEE 802.1d Spanning Tree, IEEE 802.1s Multiple Spanning Tree, IEEE 802.1w Rapid Spanning Tree, Fast Linkover
- IGMP Snooping: IGMP (v1/v2) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors.
• Increased the bandwidth (up to 8x) and added link redundancy with Link Aggregation Control Protocol (LACP)
• Enhanced rate limiting capabilities and storm control, including multicast, broadcast and flood control
• Port mirroring for non-invasive monitoring of switch traffic
• Jumbo frame support (10KB)
• SNMP v1, v2c, v3 and RMON support
• Fully rack-mountable using the included rack-mounting hardware

QoS
Priority levels: 4 Hardware queues
Scheduling: Priority Queuing and Weighted Round Robin (WRR)
Class of Service: Port-based*
802.1p VLAN priority based*
IPv4/6 IP Precedence/TOS/DSCP based*
TCP/UDP port-based*
Diffserv*
Classification and remarking ACLs*

Rate Limiting
Ingress policer
Egress rate control

Standards
802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet,
802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet,
802.3x Flow Control, 802.3 ad LACP,802.3af PoE, 802.1D STP,
802.1Q/p VLAN, 802.1w Rapid STP, 802.1s Multiple STP,
802.1X Port Access Authentication

Layer 2
VLAN
Port-based and 802.1q based VLANs
Private VLAN Edge (PVE)
Management VLAN
HOL Blocking
Head of line blocking prevention
Jumbo frame
Supports frames up to 10K byte frames
Dynamic VLAN
GVRP - Dynamic VLAN Registration
Standards
802.2i 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet,
802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet,
802.3x Flow Control

Environmental
Dimensions: 16.93" x 1.75" x 13.78"
W x H x D: (430 x 45 x 350 mm)
Unit Weight: 7.3 lb (3.311 kg)
Power: 100-240V 0.5A
Certification: FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB
Operating Temperature: 32 to 104ºF (0 to 40ºC)
Storage Temperature: -40 to 158ºF (-40 to 70ºC)
Operating Humidity: 20 to 95% relative humidity, noncondensing
Storage Humidity: 5 to 90% noncondensing

Package Contents
• SRW2024 - 24-Port 10/100/1000 Gigabit Switch with WebView
• AC Power Cord
• Rack Mounting Kit with Brackets and Hardware
• CD with User Guide in PDF Format
• Registration Card
• Console Cable

Minimum Requirements
• Web-Based Utility: Web Browser - Microsoft Internet Explorer (Version 5.5 or Above)
• Cat5 Ethernet Network Cables
• Operating System: Windows 2000, XP or Above

Warranty
• 5 Years

Model: SRW2024

* Denotes features found only in v1.2 of hardware

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