



A Division of Cisco Systems, Inc.

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

Growing businesses require cost effective, networking solutions that can scale with ever changing business needs. The Linksys SRW208P Switch with WebView brings a whole new level of intelligence and security to the network infrastructure. The combination of its intelligence and small size make it ideal for a conference room or training room where security and uptime are important. It offers two ports for connecting gigabit copper or optical interfaces to a core switch.

For Wireless or VoIP deployments, the SRW208P supports IEEE802.3af standard for Power over Ethernet. With automatic load sensing, the power control circuitry automatically detects Power over Ethernet on end-device before providing power. Power feeding of Ethernet limited for fixed 10BASE-T/100BASE-TX ports. The solution can provide maximum output power per PoE port up to 15.4W on 4 ports or 7.5W per PoE port on 8 ports simultaneously. It also includes independent overload and short-circuit protection for each port and LED indicators for power status per PoE port.

Network security is a top priority in any size business. Most business data networks, large and small, are unsecured. Unauthorized access to the network and mission critical data is a constant concern. The SRW208P is able to secure the network through 802.1X port authentication and MAC-based filtering. 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 SRW208P, voice data can be prioritized, ensuring clear and reliable voice communications.

Enabling the SRW208P 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.

Standards-based IEEE 802.3af PoE - Up to 4 ports at 15.4W or up to 8 ports at 7.5W.

Dual gigabit uplinks provide increased bandwidth and redundancy.

802.1X port authentication and MAC address filtering brings network security down to the switch port level.

Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage.



SRW208P

PRODUCT DATA

8-Port 10/100 Ethernet Switch with WebView and PoE

BUSINESS SERIES

Model: **SRW208P**



Features

- 8 - 10/100 Switched RJ-45 ports deliver up to 200Mbps of throughput per port
- 2 - 10/100/1000 Switched RJ-45 / miniGBIC combo ports
- PoE on 10/100 ports supply up to IEEE 802.3af maximum of 15.4W per port for up to 4 ports or 7.5W per port on 8 ports
- 5.6 Gbps, 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 MDI/MDIX detection support

PRODUCT DATA

BUSINESS SERIES

8-Port 10/100 Ethernet Switch with WebView and PoE

Specifications

Model	SRW208P
Ports	8 RJ-45 connectors for 10BASE-T and 100BASE-TX, 2 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 2 SFP slots Console port Auto MDI/MDI-X Auto-negotiate/manual setting
Cabling Type	UTP CAT 5 or better for 10BASE-T/100BASE-TX, UTP CAT 5e or better for 1000BASE-T
LEDs	10/100 Link/Act, PoE, 2 Giga Link/Act, Speed, System
PoE	802.3af complaint. Supplies up to IEEE Standard maximum of 15.4W on 4 10/100 ports or up to 7.5W on 8 10/100 ports

Performance

Switching Capacity	5.6 Gbps, non-blocking
Forwarding Rate	4.17Mpps wire-speed performance

Layer 2

MAC table size	8K
Number of VLANs	256 active VLANs (4096 range) Port-based and 802.1Q tag-based VLANs Management VLAN
HOL Blocking	Head of line blocking prevention

Management

Web User Interface	Built-in Web UI for easy browser-based configuration (HTTP/HTTPS)
SNMP	SNMP version 1, 2c, 3 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), RFC2737 Entity MIB, RFC 2618 RADIUS Client MIB, RFC 1215 Traps, Private PoE 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) and TFTP
Port Mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe.
Other Management	Traceroute Secure Socket Layer (SSL) Secure Shell (SSH) RADIUS Port mirroring TFTP upgrade SSL security for Web UI DHCP client BootP SNTP Xmodem upgrade Cable diagnostics PING Telnet Client (SSH secure support)

Security

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

- User/Network port level security via 802.1X authentication and MAC-based filtering
- 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 - up to 1632 bytes
- SNMP v1, v2c, v3
- Fully rack-mountable using the included rack-mounting hardware

Availability

Link Aggregation

Link aggregation using IEEE 802.3ad LACP

Up to 8 ports in up to 8 groups

Storm Control

Broadcast, multicast and unknown unicast

Spanning Tree

IEEE 802.1D Spanning Tree, IEEE 802.1w Rapid Spanning Tree, IEEE 802.1s Multiple Spanning Tree

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. Support 256 multicast groups.

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/v6 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, 802.3ad LACP, 802.3af PoE, 802.1D STP, 802.1Q/p VLAN, 802.1w Rapid STP, 802.1s Multiple STP, 802.1X Port Access Authentication

Environmental

Dimensions

11" x 1.75" x 6.69"

W x H x D

(279 x 45 x 170 mm)

Unit Weight

2.65 lb (1.2 kg)

Power

External AC power adapter

Certification

FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB

Operating Temp.

32 to 104°F (0 to 40°C)

Storage Temp.

-4 to 158°F (-20 to 70°C)

Operating Humidity

10 to 90%

Storage Humidity

10 to 95%

Package Contents

- SRW208P with 8 10BASE-T/100BASE-TX and 2 Gigabit Combo Ports with SFP or RJ-45
- AC Power Adapter with Power Cord
- Two Rack Mounting Kits/Eight Screws
- 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

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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 Web Site at www.linksys.com.

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