

LINKSYS®

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 WebView managed switch 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 a two Gigabit copper or optical interfaces for connection 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 10/100 Base-T/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. Independent overload and short-circuit protection for each port. 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 Filtering. 802.1X requires client 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 RJ45 ports deliver up to 200Mbps of throughput per port
- 2 - 10/100/1000 Switched RJ45 / Mini-GBIC 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 RJ45 connectors for 10BASE-T and 100BASE-TX, 2 RJ45 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. Supply 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 Gig non-blocking |
| Forwarding Rate | 4.17Mpps wire-speed performance |

Layer 2

| | |
|-----------------|--|
| MAC table size | 8K |
| Number of VLANs | 256 active VLANs (4096 range) |
| VLAN | 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 provide control, including back pressure to control the rate that data that can flow in and out of a port
- Multicasting, Broadcasting and Flooding 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 W x H x D | 11" x 1.75" x 6.69" (279.4 mm x 44.5 mm x 170 mm) |
| Unit Weight | 2.65 lbs (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 10/100 Base-T and 2 Gig combo ports with SFP or RJ45
- 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 Configuration Java-enabled Browser
- Cat5 Ethernet Network Cable
- TCP/IP Protocol installed on each computer within the network
- Network Adapter installed in each computer
- Network Operating System (e.g. Windows®, Linux, MacOS X)

Linksys
A Division of Cisco Systems, Inc.
121 Theory
Irvine, CA 92617 USA

E-mail: sales@linksys.com
support@linksys.com
Web: <http://www.linksys.com>

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.

PRODUCT DATA

BUSINESS SERIES

LINKSYS®
A Division of Cisco Systems, Inc.

Check the product package and contents for specific features supported. Specifications are subject to change without notice. Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2006 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

Model: **SRW208P**

SRW208P-DS-60615-RR