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## 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 SRW208MP 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 SRW208MP supports the IEEE802.3af standard for Power over Ethernet. With automatic load sensing, the power control circuitry automatically detects Power over Ethernet on an end-device before providing power. Power feeding of Ethernet is limited for fixed 10BASE-T/100BASE-TX ports. The solution can provide maximum output power per PoE port up to 15.4W on all 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 SRW208MP secures the network through 802.1X port authentication and MAC-based filtering. 802.1X requires the 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 SRW208MP, voice data can be prioritized, ensuring clear and reliable voice communications.

Enabling the SRW208MP 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 8 ports at 15.4W

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



SRW208MP

### PRODUCT DATA

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

### BUSINESS SERIES

Model: SRW208MP



## 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 on all 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

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

## Specifications

Model	SRW208MP
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 Gig Link/Act, Speed, System

## PoE

802.3af compliant. Supplies up to IEEE Standard maximum of 15.4W 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)
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 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 limits bandwidth-intensive video traffic to only the requestors. Supports 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 x 45 x 170 mm)
Unit Weight	2.65 lb (1.2 kg)
Power	External AC power adapter
Certification	FCC Part 15 Class A, CE Class A, UL, cUL, CE mark, CB
Operating Temp.	0 to 40°C (32 to 104°F)
Storage Temp.	-20 to 70°C (-4 to 158°F)
Operating Humidity	10 to 90%
Storage Humidity	10 to 95%

## Package Contents

- SRW208MP 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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