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## Secure, reliable, intelligent, managed gigabit switching with maximum PoE

The Linksys SRW2008MP WebView fully managed switch brings gigabit speeds to your users, while adding a whole new level of intelligence and security to network. The eight 10/100/1000 Mbps ports enable you take advantage of the Gigabit Ethernet interfaces shipping on the current generation of servers, workstations and storage devices, in addition to supporting existing 10/100 Mbps clients. The optional miniGBIC ports allow you to expand network as your business grows.

For wireless or VoIP deployments, the SRW2008MP supports the IEEE802.3af standard for Power over Ethernet (PoE). With automatic load sensing, the power control circuitry automatically detects PoE on the end-device before providing power. For safety, each port has independent overload and short-circuit protection, along with LED indicators for power status. A maximum of 15.4W is available on all 8 fixed 10/100/1000 Mbps ports for powering PoE enabled wireless AP or VoIP handsets.

As more business functions and processes migrate to the network, having an intelligent network becomes a necessity. The SRW2008MP is able to secure the network through IEEE 802.1Q VLANs, IEEE 802.1X port authentication, Access Control Lists (ACL) and MAC-based filtering. At the same time, the enhanced QoS and traffic management features ensure clear and reliable voice and video communications.

Having this additional functionality is not useful if it cannot be implemented. Linksys' WebView provides an intuitive, secure management interface enabling you to better utilize the comprehensive feature-set of the SRW2008MP, resulting in a better optimized, more secure network.

Supports 8 10/100/1000 ports with 2 shared miniGBIC slots

Offers standards based IEEE 802.3af PoE, supporting 8 ports at 15.4W per port

Features a 16 Gbps, non-blocking switch core

Fully manageable through the WebView web interface or console port



SRW2008MP

### PRODUCT DATA

## 8-Port 10/100/1000 Managed Gigabit Switch with Maximum PoE

### BUSINESS SERIES

Model: **SRW2008MP**



## Features

- 8 10/100/1000 Gigabit Ethernet ports
- 2 miniGBIC slots for fiber and copper Gigabit Ethernet expansion
- PoE on 8 10/100/1000 ports supplies up to IEEE 802.3af maximum of 15.4W per port
- 16 Gbps, non-blocking, store-and-forward switching capacity
- Simplified QoS management using 802.1p, Diffserv or ToS traffic prioritization specifications
- Access Control Lists (ACL) for granular security and QoS implementation
- WebView management enables configuration and monitoring from a standard web browser
- Secure remote management of the switch via SSH and SSL encryption
- 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
- User/Network port level security via 802.1X authentication and MAC-based filtering

## PRODUCT DATA

## BUSINESS SERIES

# 8-Port 10/100/1000 Managed Gigabit Switch with Maximum PoE

## Specifications

Model	SRW2008MP
Ports	8 RJ-45 connectors for 10BASE-T/100BASE-TX/1000Base-T with 2 Gigabit combo ports shared between miniGBIC ports and ports 7 and 8 Console port Auto MDI/MDI-X Autonegotiate/Manual setting
Cabling Type	UTP CAT 5 or better for 10BASE-T/100BASE-TX, UTP CAT 5e or better for 1000BASE-T
LEDs	Link/Act, PoE, System
POE	802.3af compliant. Supply up to IEEE Standard maximum of 15.4W on 8 10/100/1000 ports

## Performance

Switching Capacity	16 Gbps, non-blocking
Forwarding Rate	11.9 Mpps wire-speed performance

## Layer 2

MAC table size	8K
Number of VLANs	256 active VLANs (VLAN ID range is 4096) 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
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

- Increased the bandwidth 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

## 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. 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 Part 15 Class A, CE Class A, UL, cUL, CE mark, CB

Operating Temperature

32 to 104°F (0 to 40°C)

Storage Temperature

-4 to 158°F (-20 to 70°C)

Operating Humidity

10 to 90%

Storage Humidity

10 to 95%

## Package Contents

- SRW2008MP with 8 10/100/1000BASE-T plus Two Shared MiniGBIC Ports
- AC Power Adapter and Cord
- Rack Mounting Kit
- 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

Linksys

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## BUSINESS SERIES

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**Model: SRW2008MP**

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