LINKSYS®
A Division of Cisco Systems, Inc.


SRW2008MP

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

PRODUCT DATA

BUSINESS SERIES

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

Model: SRW2008MP

CISCO SYSTEMS

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

LINKSYS®
A Division of Cisco Systems, Inc.

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)
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
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

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.

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, 802.3 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

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 Part15 Class A, CE Class A, UL, cUL, CE mark, CB
Operating Temperature	32 to 104ºF (0 to 40ºC)
Storage Temperature	-4 to 158ºF (-20 to 70ºC)
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

Model: SRW2008MP