LINKSYS®
A Division of Cisco Systems, Inc.

SRW208G

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

Growing businesses require cost effective, networking solutions that can scale with ever changing business needs. The Linksys SRW208G 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 a port for connecting a gigabit copper or optical interface to the core network.

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 SRW208G 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 SRW208G, voice data can be prioritized, ensuring clear and reliable voice communications.

Enabling the SRW208G 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.

Simplified, web-based user management for more intelligent networking

Gigabit copper and miniGBIC interfaces provide flexible uplink options

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

PRODUCT DATA

8-Port 10/100 Ethernet Switch with WebView and Expansion Slots

BUSINESS SERIES

Model: SRW208G

CISCO SYSTEMS®

8-Port 10/100 Ethernet Switch with WebView and Expansion Slots

Specifications

Model	SRW208G
Ports	8 RJ-45 connectors for 10BASE-T and 100BASE-TX, 1 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T, and 1 miniGBIC/SFP port 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, Giga Link/Act, Speed, MiniGBIC Link/Act, Speed, System

Performance

Switching Capacity	5.6 Gbps, non-blocking
Forwarding Rate	4.17 Mpps 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.
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 (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, 802.3 ad LACP, 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	2.20 lb (1 kg)
Power	External AC power adapter
Certification	FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB
Operating Temp.	32 to 104ºF (0 to 40ºC)
Storage Temp.	-4 to 158ºF (-20 to 70ºC)
Operating Humidity	10 to 90%
Storage Humidity	10 to 95%

Package Contents

- SRW208G with 8 10/100BASE-T
- AC Power Adapter with Power Cord
- Two Rack Mounting Kits/Eight Screws
- CD with User Guide in PDF Format
- On-line 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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