

Secure, reliable, intelligent, SNMP managed switching for growing businesses



The Linksys WebView Managed switch allows you to expand your network securely. Configuration of the switch is secured using SSL for Web access and SSH for Telnet access. User control is secured using 802.1x security using a RADIUS authentication mechanism and can also be controlled using MAC filtering.

Extensive QoS features makes the solution ideal for real-time applications like Voice and Video. The 4 priority queues together with the Weighted Round Robin and Strict Priority scheduling techniques facilitate efficient co-existence of real-time traffic with data traffic allowing them each to meet their QoS needs. Individual users or applications can be prioritized above others using various Class of Service options - by port, layer 2 priority (802.1p), Layer 3 priority (TOS or DSCP), or IPv6 Traffic Class. Intelligent Broadcast, Multicast, and Unknown Unicast storm control minimizes and contain the effect of these types of traffic on regular traffic. IGMP Snooping limits bandwidth-intensive video traffic to only the requestors without flooding to all users. Incoming traffic can be policed and outgoing traffic can be shaped allowing you to control network access and traffic flow.

There are features that allow you to expand and grow your network of switches. Link aggregation allow multiple high-bandwidth trunks between switches to be setup. This also provides a level of reliability in that the system continues to operate if one of the links break. Spanning Tree(STP), Fast Spanning Tree, and Multiple Spanning Tree allow you to build a mesh of switches increasing the availability of the system.

The rich management functionality of the WebView switches includes SNMP, RMON, Telnet, and HTTP Management options, allowing you to flexibly integrate and manage these devices in your network.

Optimized for growing businesses with 4 expandable Gig ports

Secure management via SSH/SSL and secure user control via 802.1x & MAC filtering

IGMP snooping, L2/L3 COS, queuing & scheduling makes solution ideal for Voice/Video

Intelligent traffic management with Rate Limiting, Policing, Shaping, and Storm control

24-Port 10/100 + 4-Port Gigabit Switch with WebView

Product Data



24-Port 10/100 + 4-Port Gigabit Switch with WebView

Features

- 24 - 10/100 Switched RJ-45 ports deliver up to 200Mbps of throughput per port
- 4 - 10/100/1000 Switched RJ-45 Gb Uplink Ports (with 2 shared mini-GBIC ports)
- Switching Capacity delivers 12.8 Gig non-blocking capacity
- WebView monitoring allows administrators to view the current status and configuration using their favorite web browser
- Port based and 802.1q based VLAN's support up to 256 VLANs
- Port Trunking for up to 8 groups allows you to increase your bandwidth for each uplink or Server connection
- Port configuration settings for Link, Speed, Auto MDI/MDIX, Flow Control, and more
- Fully rack-mountable using the included rack-mounting hardware
- Auto MDI/MDIX per port allows for automatic Cable detection
- MAC Address table supports up to 8K MAC Address entries
- Optimal platform to support real-time applications like voice and video by providing features like IGMP snooping, multiple queues (4) with appropriate scheduling techniques, prioritization of traffic based on L2/L3 priority, and line rate forwarding mechanisms
- Secure control via SSH for Telnet interface and SSL for HTTP interface
- User/Network security via 802.1x (with Radius authentication) and MAC-based filtering
- Containment of storms - Broadcast, Multicast, and Unknown Unicast
- Expandability and availability increased across multiple switches using Link Aggregation
- SNMP and RMON management expand your visibility options

Linksys
A Division of Cisco Systems, Inc.
18582 Teller Avenue
Irvine, CA 92612 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.

Specifications

Ports

24 RJ-45 connectors for 10BASE-T and 100BASE-TX, 4 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 2 shared SFP slots, Auto MDI/MDI-X, Autonegotiate/Manual setting
 UTP CAT 5 or better for 10BASE-T/100BASE-TX, UTP CAT 5e or better for 1000BASE-T
 Power, Link/Act, Speed

Cabling Type LED Indicators

Performance

Switching Capacity
 MAC Table Size
 Number of VLANs

12.8 Gig non-blocking
 8k
 256 - Static (Today) and Dynamic (Future)

Management

Web User Interface
 SNMP
 SNMP MIBs

Built-in Web UI for easy browser-based configuration (HTTP/HTTPS)
 SNMP version 1, 2, 3 with support for traps
 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
 Embedded Remote Monitoring (RMON) software agent supports four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis.
 Web Browser upgrade (HTTP), TFTP upgrade
 Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe.
 RFC854 Telnet (Menu-driven configuration), Secure Shell (SSH) and Telnet Management, Telnet Client, SSL security for Web UI, Switch Audit Log, DHCP Client, BootP, SNMP, Xmodem upgrade, Cable Diagnostics, PING, Traceroute

RMON

Firmware Upgrade
 Port Mirroring

Other Management

Security

IEEE 802.1x
 Access Control

802.1x - RADIUS Authentication. MD5 Encryption
 Filtering: MAC-based*

Availability

Link Aggregation
 Storm Control
 Spanning Tree

Link Aggregation using IEEE 802.3ad LACP, Up to 8 ports in up to 8 trunks
 Broadcast, Multicast, and Unknown Unicast
 IEEE 802.1d Spanning Tree, IEEE 802.1s Multiple Spanning Tree*, IEEE 802.1w Rapid Spanning Tree*, Fast Linkover*
 IGMP (v1/v2) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors.

QoS

Priority Levels
 Scheduling
 Class of Service

4 Hardware queues
 Priority Queueing and Weighted Round Robin (WRR)
 Port-based, 802.1p VLAN priority based, IP TOS/DSCP based,
 IPv4 & IPv6 Traffic Class based COS
 Ingress Policier, Egress Shaper

Rate Limiting

Layer 2

VLAN
 HOL Blocking
 Mini Jumbo Frame
 Dynamic VLAN

Port-based and 802.1q based VLANs, Private VLAN Edge (PVE), Management VLAN
 Head of line blocking prevention
 Supports frames up to 1600 bytes
 GVRP* - Dynamic VLAN Registration

Standards

Standards

802.3i 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control

Environmental

Dimensions
 Unit Weight
 Power Input
 Certifications
 Operating Temp
 Storage Temp.
 Operating Humidity
 Storage Humidity
 Warranty

16.93" x 1.75" x 7.97" (430 mm x 44.45 mm x 202.5 mm)
 4.41 lbs. (2 kg)
 internal switching power
 FCC Part 15 Class A, CE Class A, UL, cUL, CE mark, CB
 32°F to 104°F (0°C to 40°C)
 -4°F to 158°F (-20°C to 70°C)
 10% to 90%, Non-Condensing
 10% to 95%, Non-Condensing
 5 years

* Future firmware release

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)

Package Contents

- One SRW224G4 Switch
- One Power Cord
- One Rack Mounting Kit
- One CD with User Guide in PDF Format
- One Registration Card
- Console Cable

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 © 2005 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.