

SWITCHLINX™

SW324 & SW208

SWITCHLINX



Audio Managed Ethernet Switch

- IGMP-Enabled (IGMP snooping with query mode support for multimedia)
- Optimized for Audio Distribution over TCP/IP
- Preconfigured for the *DigiLinX* system (no programming necessary)
- Complies with IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX standards
- Each TP port supports both 10/100Mbps auto-negotiation and auto-MDI/MDI-X connection
- Supports duplex operation for each port
- Store-and-forward architecture
- Broadcast storm protection
- Supports full-duplex flow control (IEEE 802.3x)
- 19" rack mountable (removable rack ears) -SW324 only

SwitchLinX™ SW324 & SW208

SwitchLinX is a family of IGMP (Internet Group Message Protocol) enabled, multicasting, non-blocking 10/100Mbps Fast Ethernet switches designed specifically for handling the high demands of networked audio distribution products. Additional SwitchLinX modules can be employed to expand the network audio inputs.

SwitchLinX can auto detect a 10/100Mbps speed, full/half duplex mode, MDI/MDI-X connection and provides an option for one 100Base-FX expansion module port. This feature provides the user a simple way to complete the network connection with the switch. Power Status and Link/Activity LED's allows a user to easily check the status of the network connections.



The IP-Based Distributed Entertainment Company.

Audio Managed Ethernet Switch



ControlLinX™ allows you to easily integrate and control supported brands of lighting, automated heating and cooling, and other subsystems. (sold separately)



Integrate your legacy audio sources with the NetStreams DigiLinX system using NetStreams MediaLinX™. (sold separately)



Intuitive and easy control of the DigiLinX™ system with NetStreams TouchLinX™ in-wall LCD touch screen controller. (sold separately)

Audio Ethernet Switch

SpeakerLinX™ is a family of IP-Based amplifiers with unmatched intelligence for high quality distribution and control of audio over CAT5e using TCP/IP on an Ethernet network. (sold separately)



SwitchLinX™ SW324 & SW208 Specifications

TechnologyStore & Forward architecture, non-blocking IP MulticastSupports IGMP snooping, Up to 256 groups

StandardsIEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX, 100Base-FX Fast Ethernet

Filtering AddressUnicast/Multicast/Broadcast

Filtering Rate14,880 pps for Ethernet, 148,800 pps for Fast Ethernet

Forwarding Rate14,880 pps for Ethernet, 148,800 pps for Fast Ethernet

ConnectorShielded RJ-45 jack

LED IndicatorsLink/Activity, Full Duplex/ Collision status for each port

EnvironmentOperating Temperature: 0° C to 50°, Storage Temperature: -40° to 70° C

Relative Humidity5% to 95% non-condensing

Power:100-240 VAC, 50-60 Hz, 16W (max)

Dimension (SW324):17.3" x 6.8" x 1.7" (W x H x D)(440mm x 172mm x 43mm)

Dimension (SW208):5.33" x 1.5" x 10" (W x H x D)(133mm x 37mm x 250mm)

NetPower™0

SwitchLinX supports Ethernet connections of up to 328 feet (100 meters), and can be used as a network extender for longer distances. Two models of SwitchLinX are available to suit your custom installation needs: a 8-port for 8 nodes and a 24-port for 24 nodes. Multiple SwitchLinX devices can be cascaded for system scalability.

Model Number	SW208	SW324
Ethernet Ports (10/100 Mbps)	8	24
Switch fabric	3.6 Gbps	8.8 Gbps
Memory buffer	2 Mb	3 Mb

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NetStreams® DigiLinX™ family of IP-Based products offers very high quality and high performance audio distribution and control with capabilities never seen before and a rich user experience only available in high cost systems today. This innovative product line is the first IP-Based Multi-Room Audio and Control system in the custom market; 'IP-Based' meaning a system that is not only controlled over IP, but also distributes its audio and video over packet-switched streams. DigiLinX delivers on the promise of convergence; effectively marrying networking technologies with hi-fidelity audio, and later video, marking the introduction of 'Networked Digital Entertainment'.

Excellence in Design

NetStreams is focused on providing high quality networked digital entertainment systems. By leveraging its patent pending technologies and applications, NetStreams is creating the future of home entertainment - today.

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