



## SwitchLinX SW208, SW324, SW1124, SW1148 High Performance Network Switches

# SW208, SW324 SW1124, SW1148

The SwitchLinX family of products provides high-performance network switches for the DigiLinX system. Each of the switches, are optimized to meet the various infrastructure needs of a DigiLinX system and can be used in combination to provide the infrastructure that is ideally suited to the project. SwitchLinX switches are preconfigured with the settings that optimize performance with DigiLinX systems.

- Automatic Discovery
- Multiple Streams
- Mounting options
- StreamNet™ Connected

### ■ SwitchLinX SW208/SW324

The SW324 and SW208 are non-blocking 10/100 Fast Ethernet switches. Each switch is fully IGMP (Internet Group Management Protocol) enabled, and supports multicasting. Both switches support up to 255 multicast groups and include LEDs that indicate activity and speed. The SW324 has 24 ports and can be mounted in a 19" rack occupying 1U of rack space (rack ears included). The SW208 has 8 ports in a small compact chassis. Both switches are ideal for delivering uncompressed audio data, control data, and compressed video. For systems requiring gigabit IP Video, these switches can be used to carry the audio and control data and the higher capacity gigabit switches can be used to carry uncompressed IP Video data.

### ■ SwitchLinX SW1124 and SW1148

The SW1124 and the SW1148 are high performance 10/100/1000 switches. Included in these switches are 4 SFP combo slots for fiber for devices located at a distance from the main switch. Each switch is capable of supporting 256 multicast addresses. The SW1124 has 24 ports and the SW1148 contains 48 ports. Both are designed to fit in a 19" rack and each occupies only 1U of space. These switches are ideal for carrying uncompressed audio, uncompressed video, and control data and will support up to 256 multicast groups. They can also be used in combination with the SW324 and SW208.

*The Ultimate IP A/V Experience*

# SwitchLinX SW208, SW324, SW1124 SW1148

## Specifications

### Specifications SW324 and SW208

Technology	Store & Forward architecture, non-blocking
IP Multicast	Supports IGMP snooping, Up to 256 groups
Standards	IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX, 100Base-FX Fast Ethernet
Filtering Address	Unicast/Multicast/Broadcast
Filtering Rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
Forwarding Rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
Connector	Shielded RJ45 jack
LED Indicators	Link/Activity, Full Duplex/ Collision status for each port
Environment	Operating Temperature: 0° C to 50°, Storage Temperature: -40° to 70° C
Relative Humidity	5% to 95% non-condensing
Dimension (SW324): (W x H x D)	17.3" x 1.7" x 6.8" (440mm x 43mm x 172mm)
Dimension (SW208): (W x H x D)	10" x 1.5" x 5.33" (250mm x 37mm x 133mm)
NetPower™	0

## Specifications

### Specifications SW1124 and 1148

<u>Port Attributes</u>
24 10/100/1000BASE-T auto-sensing Gigabit Ethernet switching ports 48 10/100/1000BASE-T auto-sensing Gigabit Ethernet switching ports 4 SFP combo slots for fiber media support (Note: SFP slots are used instead of the built-in 10/100/1000BaseT ports) Auto-negotiation for speed, duplex mode and flow control Auto MDI/MDIX Port mirroring Broadcast storm control
<u>Performance</u>
Switch Fabric Capacity 48.0 Gbps Forwarding Rate 35.6 Mpps
<u>Availability</u>
Spanning Tree (IEEE 802.1D) Multiple Spanning Tree (MSTP) and Rapid Spanning Tree (IEEE 802.1w) with Fast Link Support Cable diagnostics via Virtual Cable Tester
<u>VLAN</u>
VLAN support for tagging and port-based as per IEEE 802.1Q; protocol-based VLANs Up to 4000 VLANs supported Dynamic VLAN with GVRP support Protocol based VLANs
<u>Multicast</u>
Dynamic Multicast Support - up to 256 Multicast groups supported in IGMP Snooping or static Multicast
<u>Web-based management interface</u>
Industry-standard CLI accessible via Telnet or Local Serial Port SNMPv1 and SNMP v2c supported 4 RMON groups supported (history, statistics, alarms and events) TFTP transfers of firmware and configuration files
<u>Other Switching</u>
Link Aggregation with support for up to 8 aggregated links per switch and up to 8 member ports per aggregated link (IEEE 802.3ad)
<u>Chassis</u>
440 x 255 x 44 mm (W x D x H) 17.32 x 10.02 x 1.73 in (W x D x H) 1U, rack-mounting kit included Approximate weight: 3.6 kg
<u>Environmental</u>
Operating Temperature: 0° C to 45° C Storage Temperature: -20° C to 70° C Operating Relative Humidity: 10% to 90% non-condensing
<u>Hardware</u>
64MB of CPU SDRAM, 16MB of Flash Memory, 6Mb Packet Buffer Memory.

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## Excellence in Design

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

**Support** - NetStreams offers world-class support for all products.

Email-support@netstreams.com or toll free - 866.353.3496

