VIEW™ | Gigabit Network Switch

SW1148 - 10/100/1000 Switch

The SW1148 provides high-performance network switching for the VIEW system. The switch is optimized to meet the various infrastructure needs of a VIEW system.

ClearOne®

HIGH
PERFORMANCE
GIGABIT SWITCH

APPLICATIONS

+ Auto Discovery
+ Multiple Streams

ADVANTAGES

+ The SW1148 is a 48 port high performance 10/100/1000 switch. Included in the switch is 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 SW1148 is designed to fit in a 19" rack and occupies only 1RU of space.

The Power of AV over IP™

> VIEW

> SPECIFICATIONS

Port Attributes- 48 ports 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

Performance
Switch Fabric Capacity 48.0 Gbps
Forwarding Rate 35.6 Mpps

Availability
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

VLAN
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

Multicast
Dynamic Multicast Support - up to 256 Multicast groups supported in IGMP Snooping or static Multicast

Web-based management interface
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

Other Switching
Link Aggregation with support for up to 8 aggregated links per switch and up to 8 member ports per aggregated link (IEEE 802.3ad)

Chassis
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

Environmental
Operating Temperature: 0º C to 45º C
Storage Temperature: -20º C to 70º C
Operating Relative Humidity: 10% to 90% non-condensing

Hardware
64MB of CPU SDRAM, 16MB of Flash Memory, 6Mb Packet Buffer Memory.

Compliance
Restriction of use of certain Hazardous Substances (RoHS) compliant

Part Number
SW1148

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