

Modular Rack Mount Hardened Layer 2 or 3 Switch



Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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Modular Rack Mount Hardened Layer 2 or 3 Switch

(8) Port 10/100/1000Base-TX RJ-45 Module

Installs in Chassis Full Size Bay (3 per Chassis)

Description

IEC61850-3 compliant managed Ethernet switch with Layer 3 static routing and RIP V2.0. With complete support of MRP Ethernet Redundancy protocol and MSTP (RSTP/STP compatible), the switch can protect your mission-critical applications from network interruptions with its fast recovery technology. Supporting a wide operating temperature from -40°C to +40°C (or higher depending on SFPs chosen), the switch is suitable for use in challenging environments.

Features

- Hardware routing, RIP V2.0 and static routing (Layer 3 only)
- IEC 62439-2 MRP Media Redundancy Protocol
- IEEE 1588v2 PTP clock Synchronization
- IPv4/IPv6 internet protocols
- 8K MAC Table
- HTTPS/SSH network security
- SMTP client
- IP-based bandwidth management
- Application-based QoS management
- Device Binding security function
- DOS/DDOS auto prevention
- IGMP v2/v3 IGMP snooping
- SNMP v1/v2c/v3
- RMON
- 4096 VLANs Network Management
- VLAN tagging (256 VLANS)
- Voice VLAN
- User Authentication for security
- RADIUS/TACACS+
- GRE Support
- ACL
- Supports 9.6K Bytes Jumbo Frames
- LLDP Protocol
- G.8032 V2
- MRP – Multiple Registration Protocol
- VRRP Virtual Router Redundancy Protocol
- LACP – 14 Groups
- MSTP (RSTP/STP compatible)

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- TOS/DiffServ supported
- IGMP v2/v3 Snooping – 128 Groups/VLAN
- IP-based bandwidth management
- DHCP Server/Client/Relay
- DNS client proxy
- Web-based, Telnet, Console (CLI) configuration

Show product on manufacturers website: <https://www.lantronix.com/products/>

Technical Data

Specifications

Product variants & accessories

Art.-No.	Description
SISGM-8P-1G-TX	Modular Rack Mount Hardened Layer 2 or 3 Switch