SM16TAT2DPA

Managed Layer 2 Gigabit Ethernet PoE+ Switch

(16) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP/RJ-45 Combo Ports

TRANSITION NETWORKS®

This switch is a high performance Layer 2 managed switch with 36Gbps switching capacity. It provides (16) 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability and (2) additional 100/1000 dual speed SFP/RJ-45 Combo ports.

Switches

Features

- Support IPv4/IPv6 dual protocol stack
- Support Jumbo Frame up to 9K bytes
- Authentication – RADIUS, TACACS+
- Security - Support SSH v1/SSH v2/SSL
- Port based or tagged (802.1Q) VLAN, MAC based , Management VLAN and Private VLAN Edge
- DHCP Relay, DHCP Server
- L2/L3/L4 ACLs Support MAC ACL, IP standard/extended ACL
- LLDP (Link Layer Discovery Protocol)
- IEEE 802.3az Energy Efficiency
- IP Source Guard, Port Security
- Single IP management

PoE Features

- Compliant with IEEE 802.3at PoE+
- Compliant with IEEE 802.3af PoE
- 802.1AB LLDP-MED Configuration
- PoE configuration
- PoE Scheduling
- Auto Power Reset (APR)
- DHCP per Port

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3ae IEEE 802.3x IEEE 802.3ad IEEE 802.1D IEEE 802.1w IEEE 802.1s IEEE 802.1Q IEEE 802.1p IEEE 802.1ad IEEE 802.1AB IEEE 802.3af IEEE 802.3at
Connectors	(1) RJ Console Port (16) 10/100/1000 RJ-45 ports (2) 100/1000 SFP/RJ-45 Combo ports
Protocols	CSMA/CD
Technology	Store-and-Forward switching architecture
MAC Address	8K MAC address table
Backplane	36 Gbps
Dimensions	Width: 17.4" [442 mm] Depth: 8.31" [211 mm] Height: 1.73" [44 mm]
Power Input	100-240VAC
Power-over-Ethernet	Max PoE budget 370 Watts 30 Watts for (12) ports simultaneously 30 Watts for (8) ports and 15.4 Watts for (8) ports simultaneously
Environment	Operating: 0°C to +40°C Humidity: 10% to 90% (non-condensing)
Compliance	FCC Class A, CE Safety: LVD
Warranty	Lifetime

Software Features

- Management: Web Management, SNMP V1/V2c/V3, Telnet, CLI
- Port Trunk: Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP) and static trunk.
- IGMP: Support IGMP Snooping V1/V2/V3, GVRP, IGMP Proxy, and IGMP Querier
- Quality of Service: Supports 8 hardware queues. Strict priority and WRR
- Spanning Tree: Supports IEEE 802.1s MSTP, IEEE 802.1w RSTP and IEEE 802.1d STP Compliant
- VLAN: Port Based VLAN, IEEE 802.1Q tag-based, up to 4k VLAN entries, QinQ, MAC based VLAN, Private VLAN, Voice VLANs and Management VLAN
- Firmware Update, configure backup/restore through TFTP and HTTP
- Device Management System: Graphic Monitoring, Grouping, Traffic Monitoring, Zero Tough Upgrade, Batch Upgrade
- Static Routing