SM16TAT2SA

Smart Managed Gigabit Ethernet PoE+ Switch

(16) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP Slots

TRANSITION NETWORKS®

This switch is a next generation smart 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 slots. The embedded Device Management System (DMS) software provides the benefits of ease of use in the IP surveillance, Wireless Access Point and other applications. The DMS capability built into the switches provides time-saving features enabling security integrators or network administrators to establish and document a baseline deployment, automatically discover and remotely configure attached IP-powered devices (PDs).

Ordering Information

SM16TAT2SA
 (16) 10/100/1000Base-T Ports
 + (2) 100/1000Base-X SFP Slots
 (includes 19" rack mount brackets)

Optional Accessories (sold separately)

SFP Modules

Power Cord Included

To order the corresponding country specific power cord, add the extension from the list below to the end of the SKU; Ex: SM16TAT2SA-NA

-NA = Country Code
-NA = North America
-LA = Latin America
-EU = Europe
-UK = United Kingdom
-SA = South Africa
-JP = Japan
-OZ = Australia
-BR = Brazil

Features

- IPv6 Access Management
- Support Jumbo Frame up to 9K bytes
- Authentication – RADIUS, TACACS+
- DHCP Relay, DHCP Snooping, 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
- Syslog

PoE Features

- Compliant with IEEE 802.3at PoE+
- Compliant with IEEE 802.3af PoE
- PoE configuration
- Auto Power Reset (APR)

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	(16) 10/100/1000 RJ-45
	(2) 100/1000 SFP
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: 8.3" [211 mm]
	Height: 1.73" [44 mm]
Power Input	100-240VAC
Power Consumption	296 Watts (full load with PoE)
Power-over-Ethernet	Max PoE budget 250 Watts
	30 Watts for (8) ports simultaneously
	15.4 Watts for (16) ports simultaneously
Surge Protection	6KV
Environment	Operating: 0°C to +50°C
	Humidity: 10% to 90% (non-condensing)
Weight	6.6 lbs. [3.0 kg]
Compliance	FCC Class A, CE
	Safety: IEC60950, UL listed
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.

- Multicast: Support IGMP Snooping V1/V2, MVR, MLD Snooping V1/V2

- Quality of Service: Supports 8 hardware queues. Strict priority and WRR, Ingress policer, Egress shaping and per port rate limiting

- 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

- Firmware Update through TFTP and HTTP

- Device Management System (DMS)

  - Graphical Monitoring: Topology view, Floor view, Map View

  - Grouping, Batch update

  - Find my switch

  - Traffic Monitoring

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