

SM8TAT2DPA



8-port 10/100/1000Base-T + (2) 100/1000 SFP/RJ-45 ports Layer 2 Managed PoE Plus Switch



Ordering Information

SM8TAT2DPA

(8) 10/100/1000BASE-T PoE ports+ (2)
100/1000BASE-X SFP/RJ-45 ports

Optional Accessories (sold separately)

SFP Modules

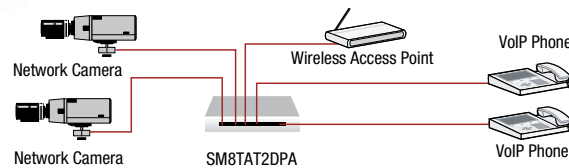
Mounting Brackets

RMSM8-01

19" Rack Mount Bracket.

For larger port-count PoE applications,
please refer to 24-port remotely-managed
PoE switch:

MIL-SM24TAF4GPA



This switch is a high performance Layer 2 managed PoE Plus switch with 8 port 10/100/1000. Full IEEE 802.3af Power-Over-Ethernet capability with 2 additional RJ-45 (100/1000) SFP combo ports.

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).
- ▶ **IGMP :** Support IGMP Snooping V1/V2/V3, IGMP Proxy and GVRP
- ▶ **Quality of Service:** Supports 8 hardware queues with Strict priority and WRR . Per port bandwidth management
- ▶ **Spanning Tree:** Supports IEEE 802.1s MSTP, IEEE802.1w RSTP and IEEE802.1d STP Compliant
- ▶ **VLAN:** Port Based VLAN, IEEE 802.1Q tag-based, 4096 VLAN entries, MAC-based VLAN, Private VLAN Edge Priority VLAN override
- ▶ **Firmware Update,** configure backup/restore through Web GUI and TFTP
- ▶ **IP V6:** Support IPV4/IPV6 dual protocol stack

Applications

- ▶ Secure and high performance connections
- ▶ Flexible copper/fiber dual uplinks
- ▶ Unified communications with open standard

Specifications

Complete list of fiber optic connector specifications [pg 240-252]

Standards	IEEE 802.3™, IEEE 802.3u, IEEE 802.3z, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1D, IEEE 802.1w, IEEE802.1s IEEE 802.1Q, IEEE 802.1p, IEEE 802.1ad, IEEE 80.1AB IEEE 802.3af, IEEE 802.3at
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	1 RJ-45 Console Port 8 10/100/1000 RJ-45 2 100/1000 SFP/RJ-45 ports
MAC Address	8K MAC address table
Back Plane	20 Gbps
Dimensions	Width: 11.02" [280 mm] Depth: 9.06" [230 mm] Height: 1.73" [44 mm]
Input Power Power over Ethernet	Internal power: 100-240VAC Maximum output power 130 watts 30 w for four-ports simultaneously 15.4 w for all eight ports simultaneously
Environment	0 to +40°C operating temp. 5%– 90% humidity non-condensing
Safety	LVD
EMI	FCC Class A; CE
Warranty	Lifetime

Features

- ▶ Support Jumbo Frame up to 9K bytes
- ▶ Authentication – RADIUS 802.1x, TACACS+
- ▶ Security - Support SSH/SSL
- ▶ Port based or tagged (802.1Q) VLAN, QinQ double tag VLAN, Guest VLAN
- ▶ Bandwidth Allocation Ingress and Egress
- ▶ DHCP Snooping including option 82
- ▶ IP-MAC binding for security
- ▶ ACL based on Ethernet Type / ARP / IPV4 for packets permit or deny, rate limitation and port copy
- ▶ LLDP (Link Layer Discovery Protocol)
- ▶ Syslog for device management
- ▶ IEEE802.3az Energy Efficiency LLDP
- ▶ Compliant with IEEE 802.3af Power over Ethernet and IEEE 802.3at Power over Ethernet Plus
- ▶ Advanced PoE Management functions
- ▶ PoE detection mode, PoE Autocheck, PoE power delay and PoE Scheduling
- ▶ Power cord safety clip is included

