

# SM8TAT2DPA

## Managed Layer 2 Gigabit PoE+ Switch

(8) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP/RJ-45 Ports



This switch is a high performance Layer 2 managed PoE+ switch with (8) 10/100/1000Base-T ports with full IEEE 802.3af Power-over-Ethernet capability, and (2) additional RJ-45 100/1000 SFP combo ports.

Key benefits include: secure and high performance connections, flexible copper/fiber dual uplinks, and unified communications with open standard.

### 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
- IEEE 802.3az Energy Efficiency LLDP
- Compliant with IEEE 802.3af Power-over-Ethernet and IEEE 802.3at Power-over-Ethernet+
- Advanced PoE Management functions
- PoE detection mode, PoE Autocheck, PoE power delay and PoE Scheduling
- Power cord safety clip is included

### Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z 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-45 Console Port (8) 10/100/1000 RJ-45 (2) 100/1000 SFP/RJ-45 ports
Protocols	CSMA/CD
Technology	Store-and-forward switching architecture
MAC Address	8K MAC address table
Backplane	20 Gbps
Dimensions	Width: 11.02" [280 mm] Depth: 9.06" [230 mm] Height: 1.73" [44 mm]
Power Input	Internal power: 100-240VAC Power-over-Ethernet+ Max output power 130 Watts: 30 Watts for (4) ports simultaneously 15.4 Watts for all (8) ports simultaneously
Environment	Operating: 0°C to 40°C Humidity: 5% to 90% (non-condensing)
Weight	6 lbs. [2.72 kg]
Compliance	Safety: LVD Emissions: FCC Class A, CE
Warranty	Lifetime



### Ordering Information

#### SM8TAT2DPA

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

#### SM8TAT2DPA-RM

(8) 10/100/1000Base-T PoE+ ports  
+ (2) 100/1000Base-X SFP/RJ-45 ports  
(19" Rack Mount Brackets included)

Optional Accessories (sold separately)

#### SFP Modules

#### Mounting Brackets

##### RM8M8-01

19" Rack Mount Bracket.

##### BR8M8-01

Wall Mount brackets

#### 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: SM8TAT2DPA-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 (Continued)

- Web Management, SNMP V1/V2c/V3, Telnet, CLI
- Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP).
- Support IGMP Snooping V1/V2/V3, IGMP Proxy and GVRP
- Supports 8 hardware queues with Strict priority and WRR. Per port bandwidth management
- Supports IEEE 802.1s MSTP, IEEE 802.1w RSTP and IEEE 802.1d STP Compliant
- 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
- Support IPv4/IPv6 dual protocol stack