

# SM8TAT2DPB

## Managed Layer 2 Gigabit Ethernet PoE+ Switch

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



This switch is a high performance Layer 2 managed switch with 20Gbps switching capacity. It provides (8) 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability and (2) additional 100/1000 dual speed SFP/RJ-45 Combo ports.



### Ordering Information

#### SM8TAT2DPB

(8) 10/100/1000Base-T ports  
+ (2) 100/1000Base-X SFP/RJ-45 Combo  
Ports (includes 19" rack mount brackets)

Optional Accessories (sold separately)

#### SFP Modules

### 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

### 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 (8) 10/100/1000 RJ-45 (2) 100/1000 SFP/RJ-45 Combo
Protocols	CSMA/CD
Technology	Store-and-Forward switching architecture
MAC Address	8K MAC address table
Backplane	20 Gbps
Dimensions	Width: 8.66" [220 mm] Depth: 9.53" [242 mm] Height: 1.73" [44 mm]
Power Input	100-240VAC
Power-over-Ethernet	Max PoE budget 130 Watts 30 Watts for (4) ports simultaneously 15.4 Watts for (8) ports simultaneously
Surge Protection	6KV
Environment	Operating: 0°C to +45°C Humidity: 10% to 90% (non-condensing)
Weight	5.1 lbs. [2.3 kg]
Compliance	FCC Class A, CE Safety: IEC60950
Warranty	5 Years

#### 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: SM8TAT2DPB-NA

#### -NA = Country Code

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

### 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
- Static Routing