

NEW
PRODUCT

Transition Networks Managed Switch

SM8TAF2DPA

8-port 10/100/1000Base-T + (2) (100/1000) Dual Speed SFP ports Managed PoE Switch



Ordering Information

SM8TAF2DPA

(8) 10/100/1000BASE-T PoE Ports
+ (2) 100/1000BASE-X SFP
Includes 19" Rack Mount ears

Optional Accessories (sold separately)

SFP Modules

For larger port-count PoE applications,
please refer to:

MIL-SM24TAF4GPA

The SM8TAF2DPA is a 10-port Gigabit Ethernet smart switch providing 8-port 10/100/1000 IEEE 802.3af Power-Over-Ethernet capability, and it has 2 additional dual Speed SFP ports.

Features

- ▶ Support Jumbo Frame up to 9K bytes
- ▶ Authentication – RADIUS 802.1x
- ▶ Security - Support SSH/SSL
- ▶ Port based or tagged (802.1Q) VLAN
- ▶ Bandwidth Allocation
- ▶ DHCP Snooping including option 82
- ▶ LLDP (Link Layer Discovery Protocol)
- ▶ Port Mirroring
- ▶ Port Security, MAC Filter/IP Filter
- ▶ Loop detection and prevention

Power-over-Ethernet Features

- ▶ Compliant with IEEE 802.3at PoE+
- ▶ Compliant with IEEE 802.3af PoE
- ▶ Supplier 53 – 58v DC power to PD
- ▶ Provide up to 30w output for 2 ports or up to 15w output for 4 ports or up to 7.5w for 8 ports
- ▶ Power Management:
Enable/Disable per port
Priority setting per port
Overloading Protection per port
Power Level setting per port

Specifications

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 802.1AB, IEEE 802.3af, IEEE 802.3at
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	8 10/100/1000 RJ-45 2 100/1000 SFP ports
MAC Address	8K MAC address table
Back Plane	20 Gbps
Dimensions	Width: 12.99" [330 mm] Depth: 8.03" [204 mm] Height: 1.69" [43 mm]
Input Power	Internal power: 100-240VAC
Power-over-Ethernet	Maximum PoE power budget 75 Watts Maximum output power per port up to 30w Data-pairs mode Maximum current: 1.7A Provide power on all 8 copper ports
Environment	0 to +50°C operating temp. 10%– 90% humidity non-condensing
Safety	CSA certified
EMI	FCC Class A; CE
Warranty	Lifetime

Software Features

- ▶ Management : Web Management, Telnet, SNMP V1/V2c /V3
- ▶ Port Trunk : Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP). The trunk group up to 5 and maximum trunk port member up to 8 ports.
- ▶ IGMP : Support IGMP Snooping V1/V2/V3, IGMP immediate leave
- ▶ Quality of Service: Supports 8 egress queues per port enable differentiated management of up to 8 traffic types. Strict scheduling and WRR
- ▶ Spanning Tree: Supports IEEE 802.1s MSTP, IEEE802.1w RSTP and IEEE802.1d STP
- ▶ VLAN: Port Based VLAN, IEEE 802.1Q tag-based, QinQ, 4094 VLAN entries, Voice VLAN, Private VLAN
- ▶ Firmware Update, configure backup/restore through Web GUI
- ▶ IP V6: Support IPV4/IPV6 dual protocol stack