

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



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.

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

Features

- Support Jumbo Frame up to 9K bytes
- Authentication – RADIUS 802.1x
- Security - Support SSH/SSL, EAPOL transparent, MAC/Web authentication
- Port based or tagged (802.1Q) VLAN
- Bandwidth Allocation
- DHCP Snooping
- LLDP (Link Layer Discovery Protocol)
- Port Mirroring
- Port Security, MAC Filter/IP Filter
- Loop detection and prevention
- Storm control
- Auto-negotiation
- Flow Control (full and half-duplex mode)

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, IEEE 802.1x,
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
Packet Buffer	1MB
Flash	8MB
LED	Port Uplink System Diagnostic
Dimensions	Width: 12.99" [330 mm] Depth: 8.03" [204 mm] Height: 1.69" [43 mm]
Input Power	Internal power: 100-240VAC, 50-60Hz, 0.7A
Power-over-Ethernet	Maximum PoE power budget 75 Watts Maximum output power per port up to 30w Data-pairs mode Maximum current: 1.7A @100 VAC Provide power on all 8 copper ports
Environment	0 to +50°C operating temp. -40°C to 70°C non-operating temp. 10%–90% humidity non-condensing
Safety	CSA certified, CB certified
EMI	FCC Class A; CE; EN 55022 (CISPR 22); EN 61000-3-2/3
Warranty	Lifetime
Power Consumption	20W for System Power

Software Features

- Management : Web Management, Telnet, SNMP v1/v2,
- Port Trunk : Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP). The trunk group up to 8 trunk links and maximum trunk port member up to 8 ports.
- IGMP : Support IGMP Snooping V1/V2/ V3, IGMP immediate leave
- Quality of Service: Support for 8 egress queues per port enables differentiated management of up to 8 traffic types. Strict scheduling and WRR, or hybrid mode
- Spanning Tree: Supports IEEE 802.1s MSTP, IEEE802.1w RSTP and IEEE802.1d STP, STP Auto Edge
- 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, upgrade via TFTP/HTTP, SNMP, UPNP
- IP V6: Support IPV4/IPV6 dual protocol stack