24-port 10/100/1000BASE-T with (4) SFP/ RJ-45 ports Web Managed PoE Switch

TRANSITION NETWORKS®

The SM24TAT4GPA is a high performance Web managed PoE switch with 24 auto-sensing 10/100/1000BASE-T RJ-45 ports, 4 of which are SFP/RJ-45 combo ports. It supports IEEE802.3at PoE Plus on all 10/100/1000 copper ports to enable the easy installation of PoE devices such as IP Phones and IP Cameras.

Features

- Port based or tagged (802.1Q VLAN,management VLAN

- Jumbo frame up to 9KB

- Port Mirroring

- Loop detection

- Broadcast Storm Protection

- POWER-OVER-ETHERNET

- Comply to IEEE802.3at PoE Plus Comply to IEEE802.3af PoE

- Maximum output power per port : 30W PoE budget : 370W

- 30W PoE per port available to 12 ports 15.4W PoE per port available to all 24 ports

- Reset button for recovery and maintenance

Specifications

Standards	IEEE 802.3™, IEEE 802.3u, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3ad, IEEE 802.1D, IEEE 802.1w, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3az
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	24 10/100/1000 RJ-45 4 Giga SFP ports
MAC Address	8K MAC address table
Back Plane	48 Gbps
Buffer	500Kbps
Dimensions	Width: 17.4" [442 mm]; Depth: 8.31" [211mm]; Height: 1.7" [44 mm]
Input Power	Internal power: 100-240VAC
Power Consumption	16 Watts maximum (without PoE)
Power over Ethernet	Maximum PoE budget 370 Watts 30w for 12 ports simultaneously 15.4w for 24 ports simultaneously
Environment	0 to +40°C operating temp. 10%– 90% humidity non-condensing -20°C to 70°C storage temp
Safety	LVD
EMI	FCC Class A; CE
Warranty	Lifetime

Software Features

- Management : Web Management, SNMP vl/v2c, Dual Image for backup

- Port Trunk : Supports static port trunk up to 8 groups with 12 ports per group

- IGMP : Support IGMP Snooping V1/V2

- Quality of Service: Supports 8 hardware queues, Queue assignment based on DSCP and 802.1p CoS. Classification: Port based, 802.1p VLAN priority based, DSCP based; Diffserv

- Spanning Tree: Supports IEEE802.1w RSTP and IEEE802.1d STP

- Green Ethernet: Support IEEE 802.3az Energy Efficient Ethernet