LANTRONIX®
Formerly Transition Networks

SM24TAT4XB

Managed Gigabit Ethernet PoE+ Switch

(24) 10/100/1000Base-T Ports + (4) 1G/10GBase-X SFP+ Ports

This switch is a high performance managed PoE+ switch with (24) 10/100/1000 copper ports and (4) dual speed 1G/10G SFP+ slots.

ENTERPRISE SWITCH

Features

- Supports Jumbo Frame up to 10240 bytes
- Authentication – RADIUS IEEE 802.1X, TACACS+
- Security - Support SSH/SSL
- Port based or tagged (IEEE 802.1Q) VLAN, MAC based VLAN, Management VLAN and Private VLAN Edge
- DHCP Server, Client, Relay
- IEEE 1588v2 PTP (TC)
- ACLs Support for up to 512 entries, drop or rate limitation based on source and destination MAC, VLAN ID or IP address, protocol, port, DSCP/IP precedence, TCP/IP source and destination ports, IEEE 802.1p priority, Ethernet Type / IGMP packets, TCP flag
- LLDP (Link Layer Discovery Protocol)
- IEEE 802.3az Energy Efficiency

PoE Features

- Compliant with IEEE 802.3at PoE+
- Compliant with IEEE 802.3af PoE
- IEEE 802.1AB LLDP-MED Configuration
- Auto Power Reset
- DHCP per port
- Always on PoE

Device Management System (DMS)

- Graphical Monitoring – Topology view, Floor view, Map view
- Traffic Monitoring
- Troubleshooting – Network diagnostic, protection mechanism, performance and link management

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, IEEE 802.3az, IEEE 802.1X
Connectors	(1) RS-232 Serial port (24) 10/100/1000 RJ-45 ports (4) 1G/10G SFP+ slots
Protocols	CSMA/CD
Technology	Store-and-forward switching architecture
MAC Address	32K MAC address table
Backplane	128 Gbps
Dimensions	Width: 17.4" [442 mm] Depth: 8.31" [211 mm] Height: 1.73" [44 mm]
Power Consumption	44 Watts (max without PoE) 450 Watts (full load with PoE)
Power Input	Internal Power: 100 - 240VAC
Power-over-Ethernet	Max PoE budget 370 Watts 30 Watts for (12) ports simultaneously 15.4 Watts for (24) ports simultaneously
Environment	Operating: 0°C to 50°C Humidity: 5% to 90% (non-condensing)
Weight	8.38 lbs. [3.8 kg]
Certifications	Safety: UL Listed, IEC62368/EN62368 Emissions: FCC Class A, CE Mark
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: SM24TAT4XB-**xx**

-xx = Country Code

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

Ordering Information

SM24TAT4XB
(24) 10/100/1000Base-T ports
+ (4) 1G/10GBase-X SFP+ slots (empty)

Optional Accessories (sold separately)

SFP and SFP+ Modules

Features (Continued)

- Web Management, SNMP V1/V2c/V3, Telnet, CLI
- Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP). Supports up to 26 groups with (4) ports per group
- Supports IGMP Snooping V1/V2/V3, up to 1024 multicast groups, GVRP, IGMP Proxy, IGMP Querier
- MLD snooping V1/V2: deliver IPv6 multicast packages only to the required receivers
- Supports 8 hardware queues, Strict priority and WRR. Queue assignment based on DSCP and IEEE 802.1p CoS; IPv4/IPv6 precedence/ Type of Service / DiffServ / classification and remarking ACLs; rate limiting, ingress policer, egress shaping and rate control
- IEEE 802.1s MSTP, IEEE 802.1w RSTP and IEEE 802.1D STP Compliant
- Firmware Update, configure backup/ restore through web GUI and TFTP
- Supports IPv4/IPv6 Layer 3 static routing
- ITU-T G.8031, G8032, loop detection

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