LANTRONIX®
Formerly Transition Networks

SM8TAT2SA-DC

DC-Powered Smart Managed Gigabit Ethernet PoE+ Switch

(8) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP Slots

This switch is a next generation smart 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 slots. The embedded Device Management System (DMS) software provides the benefits of ease of use in IP surveillance, Wireless Access Point and other applications. The DMS capability built into the switch provides time-saving features enabling security integrators or network administrators to establish and document a baseline deployment, automatically discover and remotely configure attached IP-powered devices (PDs).

ENTERPRISE SWITCH

Features

- IPv6 Access Management
- Support Jumbo Frame up to 9K bytes
- Authentication – RADIUS, TACACS+
- DHCP Relay, DHCP Snooping, 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
- Syslog
- Fanless Design

PoE Features

- Compliant with IEEE 802.3at PoE+
- Compliant with IEEE 802.3af PoE
- PoE configuration
- Auto Power Reset (APR)

Device Management System (DMS)

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

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
- Multicast: Support IGMP Snooping V1/V2, MVR, MLD Snooping V1/V2
- Quality of Service: Supports 8 hardware queues. Strict priority and WRR, Ingress policer, Egress shaping and per port rate limiting
- 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
- Firmware Update through TFTP and HTTP

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3ab 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
Connectors	(8) 10/100/1000 RJ-45 ports (2) 100/1000 SFP slots
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	+52 to +54VDC or -52 to -54VDC
Power Consumption	140 Watts (full load with PoE)
Power-over-Ethernet	Max PoE budget 130 Watts 30 Watts for (4) ports simultaneously 15.4 Watts for (8) ports simultaneously
Environment	Operating: 0°C to +50°C Humidity: 10% to 90% (non-condensing)
Weight	2.2 lbs. [1.0 kg]
Certifications	Safety: EN60950, UL/cUL Listed
Warranty	5 Years

Ordering Information

SM8TAT2SA-DC
(8) 10/100/1000Base-T ports
+ (2) 100/1000Base-X SFP slots
(includes 19" rack mount brackets)
+52 to +54VDC or -52 to -54VDC

Optional Accessories (sold separately)

SFP Modules

Optional Power Supplies (sold separately)

25104
Input: 85-264 VAC, 124-370 VDC
Output: 48 ~ 55 VDC, 5A, 240 Watts

25105
Input: 85-264 VAC, 124-370 VDC
Output: 48~55 VDC, 2.5A, 120 Watts

Mounting Brackets (sold separately)

RMSM8-02
23" Rack Mount Kit

© 2025 Lantronix, Inc. All rights reserved. Lantronix is a registered trademark of Lantronix, Inc. in the U.S. and other countries. All other trademarks are the property of their respective owners. Specifications subject to change without notice. Not all features listed may be supported in software. MPB-00270 Rev B (A4)

Learn more at lantronix.com/sm8tat2sa-dc