SM24TBT2DPA
Managed Gigabit Ethernet PoE++ Switch

(24) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP/RJ-45 Combo Ports

This switch is a high performance Layer 2 managed switch with 52 Gbps switching capacity. It provides (24) 10/100/1000 copper ports with IEEE 802.3bt PoE++ capability and (2) additional 100/1000 dual speed SFP/RJ-45 combo ports. The SM24TBT2DPA complies with the latest IEEE 802.3bt PoE++ standard and supplies up to 90 Watts per port. It can provide up to 1640 Watts PoE output with the dual hot-swappable power supplies equipped.

Specifications

- Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3z, 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 802.3bt, IEEE 802.3az

- Connectors:
  - (1) RJ console port
  - (24) 10/100/1000 RJ-45 ports
  - (2) 100/1000 SFP/RJ-45 combo ports

- Protocols: CSMA/CD

- Technology: Store-and-Forward switching architecture

- MAC Address: 8K MAC address table

- Backplane: 52 Gbps

- Dimensions:
  - Width: 17.4” [442 mm]
  - Depth: 11.8” [300 mm]
  - Height: 1.73” [44 mm]

- Power Input:
  - 100-240VAC Dual Hot Swappable Power Supplies; Power Redundancy, Failover
  - Maximum Power Consumption without PoE: 79 Watts with dual AC power modules
  - 52 Watts with single AC power module

- Power-over-Ethernet:
  - Max 90 Watts output per port
  - Max PoE Budget 1640 Watts with dual power supply
  - 60 Watts for (24) ports simultaneously
  - 90 Watts for (18) ports simultaneously
  - Max PoE budget 820 Watts with single power supply
  - 30 Watts for (24) ports simultaneously
  - 69 Watts for (13) ports simultaneously
  - 90 Watts for (9) ports simultaneously

- Environment:
  - Operating: 0°C to +40°C
  - Humidity: 10% to 90% (non-condensing)

- Weight: 10.47 lbs. [4.75 kg]

- Certifications: FCC Class A, CE Safety: IEC60950-1, UL Listed

- Warranty: Lifetime

Optional Accessories (sold separately)

- SFP Modules
- Power Supplies

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: SM24TBT2DPA-NA

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

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
- IGMP: Support IGMP Snooping V1/ V2/V3, GVRP, IGMP Proxy, and IGMP Querier
- Quality of Service: Supports 8 hardware queues. Strict priority and WRR
- Spanning Tree: Supports IEEE 802.1s MSTP, IEEE 802.1w RSTP and IEEE 802.1D STP Compliant
- Rapid Ring
- VLAN: Port Based VLAN, IEEE 802.1Q tag-based, up to 4k VLAN entries, QinQ, MAC-based VLAN, Private VLAN, Voice VLANs and Management VLAN
- Firmware Update, configure backup/restore through TFTP and HTTP

*Please contact sales with certification needs