SM24DP4XA
Managed Gigabit Ethernet Fiber Switch

(20) 100/1000Base-X SFP Slots + (4) 100/1000Base SFP/RJ-45 Combo Ports + (4) 1G/10GBase-X SFP+ Slots

This switch is a next generation Layer 2 managed switch with 128Gbps switching capacity. It provides up to (24) dual speed fiber slots and (4) 10Gig aggregation ports, it’s an ideal switch for fiber aggregation applications.

Features
- Supports IPv4/IPv6 dual protocol stack
- Support Jumbo Frame up to 10K bytes
- Authentication – IEEE 802.1X, RADIUS, TACACS+
- Security - Supports SSH/SSL
- DHCP Relay, DHCP Option 82
- L2/L3/L4 ACLs Support MAC ACL, IP standard/extended ACL, IEEE 802.1p, Ethernet type
- LLDP (Link Layer Discovery Protocol)
- DHCP Server
- IEEE 802.3az Energy Efficiency
- IP Source Guard, Port Security
- IEEE 1588v2 PTP
- IEEE 802.1ag CFM
- ITU-T Y.1731 Performance Monitoring
- ITU-T G.8031 Ethernet Linear Protection Switching (EPS)
- ITU-T G.8032 Ethernet Ring Protection Switching (ERPS)
- Ethernet Virtual Circuits (EVC) for EPL and EVPL Services

Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3ae
- IEEE 802.3x
- IEEE 802.1D
- IEEE 802.1w
- IEEE 802.1s
- IEEE 802.1Q
- IEEE 802.1p
- IEEE 802.1ad
- IEEE 802.1X
- IEEE 802.3ah
- IEEE 803.2ah
- IEEE 802.3ag
- IEEE 1588v2
- ITU-T Y.1731
- ITU-T G.8031
- ITU-T G.8032

Connectors
- (1) RJ Console Port
- (1) Management Port
- (20) 100/1000 SFP slots
- (4) 100/1000 SFP/RJ-45 combo ports
- (4) 1G/10G SFP+ slots
- (20) 100/1000Base-X SFP slots
- (4) 100/1000Base SFP/RJ-45 combo ports
- (4) 1G/10GBase-X 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: 8.3” [211 mm]
- Height: 1.7” [44 mm]

Power Input
- 100-240VAC
- Dual +24V+48VDC or -24V/-48VDC

Power Consumption
- 60 Watts (max)

Environment
- Operating: -20°C to +60°C
- Humidity: 5% to 90% (non-condensing)

Weight
- 2.87 lbs. [1.3 kg]

Compliance
- FCC Class A, CE
- Safety: UL Listed

Warranty
- 5 Years

Ordering Information

SM24DP4XA
(20) 100/1000Base-X SFP slots
+ (4) 100/1000Base SFP/RJ-45 combo ports
+ (4) 1G/10GBase-X SFP+ slots
(includes 19” rack mount brackets)

Optional Accessories (sold separately)

SFP Modules

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
- Support IGMP Snooping V1/V2/V3, IGMP Proxy, IGMP Querier, and MLD Snooping V1/V2
- 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, Voice VLANs and Management VLAN
- Quality of Service: Supports 8 egress queues per port enable differentiated management of up to 8 traffic types across the stack. Strict priority and WRR
- IPv4/IPv6 Unicast Static Routing
- Firmware Update, configure backup/restore through TFTP & HTTP
- AC/DC Dual Power Supply
- Device Management System: Graphic Monitoring, Grouping, Traffic Monitoring

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: SM24DP4XA-NA
- NA = Country Code
  - NA = North America
  - LA = Latin America
  - EU = Europe
  - UK = United Kingdom
  - SA = South Africa
  - JP = Japan
  - OZ = Australia
  - BR = Brazil

www.transition.com Transition Networks • Switches Catalog 022219