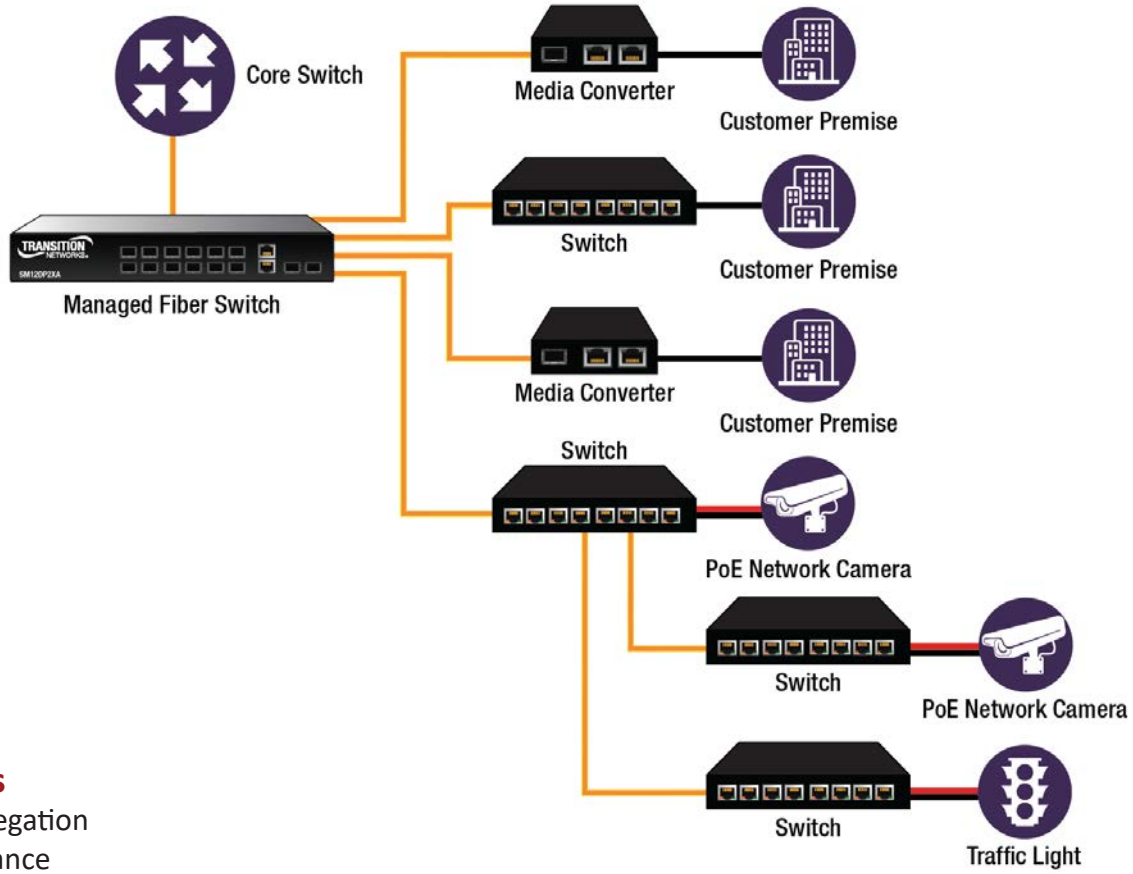
Managed Gigabit Ethernet Fiber Switch



Applications

- Fiber aggregation
- IP Surveillance
- Business Ethernet

Features	Benefits
100/1000 dual speed SFP slots	Provides network operators with a flexible solution for delivering extraordinary Ethernet Services over a wide range of fiber facilities
AC/DC Dual Power Supply	Redundant power input to ensure network with high reliability and high availability
Compact form factor	The switch can be used in a space or wiring constrained cabinets or other constrained spaces
Wide operating temperature	Ensures reliable fiber connections in extreme temperatures
1G/10G fiber uplink	Accommodates business growth and increased traffic, such as aggregate upstream gigabit traffic loads from high speed wireless access points
Embedded Device Management System	A unique set of value-added features that provide the network operators with lower overall cost, less downtime and easier management of the entire network
DMI information	Allows the user to monitor real-time parameters of the fiber optic transceivers such as input/out power, temperature, current and voltage

SM12DP2XA & SM24DP4XA

Specifications	SM12DP2XA	SM24DP4XA
Connectors	(12) 100/1000Base-X SFP Slots + (2) 10/100/1000Base-T RJ-45 Ports + (2) 1G/10GBase-X SFP+ Slots	(20) 100/1000Base-X SFP Slots + (4) 100/1000Base-T RJ-45 Ports + (2) 1G/10GBase-X SFP+ Slots
Standards	IEEE 802.1AB	IEEE 802.3ah, IEEE 802.3ag, IEEE 1588v2, ITU-T Y.1731, ITU-T G.8031, ITU-T G.8032
Backplane	68 Gbps	128 Gbps
Dimensions	Width: 11.02” [280 mm] Depth: 5.28” [134 mm] Height: 1.73” [44 mm]	Width: 17.4” [442 mm] Depth: 8.31” [211 mm] Height: 1.73” [44 mm]
Power Input	100-240VAC or 24/48VDC	Single 100-240VAC, Dual +24/+48 VDC or -24V/-48V VDC
Power Consumption	24 Watts (max)	60 Watts (max)
Weight	2.2 lbs. [1.0 kg]	2.87 lbs. [1.3 kg]
Certifications	FCC Part A, CE; Safety: UL Listed, IEC62368-1/EN62368-1	FCC Part A, CE; Safety: IEC62368/EN62368, UL Listed
Warranty	Lifetime	5 Years

All Managed Gigabit Ethernet Fiber Switches	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ae, 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 802.1X
Protocols	CSMA/CD
Technology	Store-and-Forward switching architecture
MAC Address	32K
Environment	Operating: -20°C to +60°C Humidity: 5% to 90% (non-condensing)