

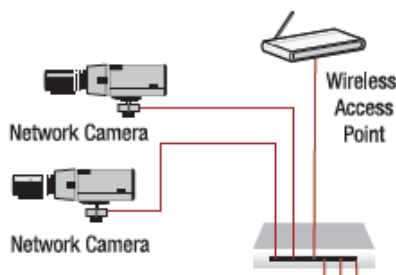
## Layer 2 Managed Ethernet Switch (20) 10/100/1000Base-T + (4) 100/1000 SFP/RJ-45 Combo Ports

### Features:

- ◆ 24 10/100/1000Base-T Ports
- ◆ 4 100/1000Base-X SFP/RJ-45 Combo Slots
- ◆ 24 Ports PoE available
- ◆ 30W PoE per port for 12 ports
- ◆ 15.4W PoE per port for 24 ports
- ◆ IGMP Snooping
- ◆ 8k MAC Address
- ◆ Auto-Negotiation
- ◆ Auto-MDI/MDIX on all Ports
- ◆ Jumbo frame support 9KB
- ◆ Supports SNMP

### Software Features:

- ◆ **Management:**  
Web Management, SNMP
- ◆ **Port Trunk:**  
Supports static port trunk up to 12 groups with 24 ports per group
- ◆ **Bandwidth Management**  
Per Port
- ◆ **VLAN:**  
Port Based VLAN; IEEE 802.1q
- ◆ **QoS:**  
Programmable classifier for QoS (Layer 2/Layer 3)
- ◆ **Spanning Tree:**  
Supports IEEE 802.1w Rapid Spanning Tree and IEEE 802.1d Spanning Tree
- ◆ **IGMP:**  
Supports IGMP Snooping V1, V2
- ◆ **Green Ethernet:**  
Support IEEE 802.3az Energy Efficient Ethernet



### Specifications:

Switch Architecture	Store and Forward Switching Architecture
Protocols	CSMA/CD
Connectors	(24) 10/100/1000 Base-T: RJ-45 (4) 100/1000 Base-X SFP Ports/RJ45 Combo Slots
MAC Address	8K MAC Address Table
Network Cable	<b>10BASE-T:</b> 2-pair UTP/STP Cat 3, 4, 5 cable; <b>100BASE-TX:</b> Cat 5 <b>1000BASE-X:</b> Cat 5
Backplane	48 Gbps
LEDs	RJ-45 ports: 10/100/1000; Link/Activity SFP Ports: Link/Activity
Input Power	Power: On/Off, PoE Forwarding Power Internal Power: 100-240 VAC External 48VDC Input Terminal Block
Power Consumption	16 Watts Max (without PoE load) 370 W max (with PoE loads)
PSE Power Available	15.4 Watts per port available on 24 ports 30 Watts per port available on 12 ports
Operational Temperature	0° to 40° C
Dimensions	Width: 17.4", Depth: 8.31", Height: 1.7"
EMI	FCC Class A, CE Mark
Safety Compliance	LVD
<b>Standards Compliance:</b>	IEEE Std. 802.3 10Base-T IEEE Std. 802.3u 100Base-TX IEEE Std. 802.3z 1000Base-X IEEE Std. 802.3x Flow Control IEEE Std. 802.3ad Port Trunk with LACP IEEE Std. 802.1d Spanning Tree Protocol IEEE Std. 802.1w Rapid Spanning Tree IEEE Std. 802.1p Class of Service IEEE Std. 802.1q VLAN Tagging IEEE Std. 802.3af PoE IEEE Std. 802.3af PoE

### Ordering Information:

SM24p-PoE+ (Order SFP modules separately)	
SFP-SX	850nm, MM, 220m (62um), 550m(50um), dual fiber, LC Connectors
SFP-LX	1310nm, MM, 550m (62um or 50um), dual fiber, LC Connectors
	1310nm, SM, 5km, dual fiber, LC Connectors
SFP-ZX	1550nm, SM, 70km, dual fiber, LC Connectors

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