



**Series
SM24p-PoE**

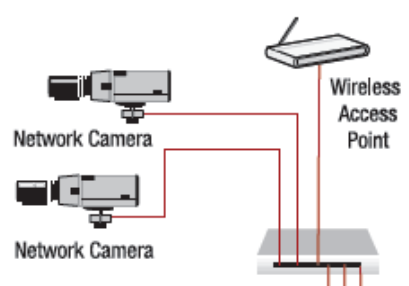
**Layer 2 Managed Switch
(20) 10/100/1000Base-X + (4) 100/1000 SFP/RJ-45 Combo Ports**

Features:

- ◆ 24-10/100/1000Base-T Ports
- ◆ 24- Ports PoE available
- ◆ Dual Speed 100/1000 SFP Slot
- ◆ IGMP Query & Snooping
- ◆ Port Trunk with LACP
- ◆ 8k MAC Address
- ◆ 802.1x Authentication
- ◆ Enable/Disable Ports
- ◆ Auto-Negotiation
- ◆ Auto-MDI/MDIX on all Ports
- ◆ QoS - 4 Levels
- ◆ Supports SNMP v1, v2c

Software Features:

- ◆ **Management:**
Web Management, SNMP v1/2
- ◆ **Port Trunk:**
Supports IEEE 802.3ad Port Trunk Link Aggregation Control Protocol (LACP) Trunk Group Up To 12 Max Trunk Port Members -12 Ports
- ◆ **Bandwidth Management**
Per Port
- ◆ **VLAN:**
Port Based VLAN; IEEE 802.1q
- ◆ **Spanning Tree:**
Supports IEEE 802.1w Rapid Spanning Tree and IEEE 802.1d Spanning Tree
- ◆ **IGMP:**
Supports IGMP Snooping V1, V2



Specifications:

Switch Architecture	Store and Forward Switching Architecture
Protocols	CSMA/CD
Connectors	(24) 10/100/1000 Base-T: RJ-45 (4) SFP Ports (shared with RJ-45 ports 21,22,23,24)
MAC Address	8K MAC Address Table
Network Cable	10BASE-T: 2-pair UTP/STP Cat 3, 4, 5 cable; 100BASE-TX: Cat 5 1000BASE-X: Cat 5
Backplane	48 Gbps
LEDs	RJ-45 ports: 10/100/1000; Link/Activity 1000 – Port Operating at 1000 Mbs Fiber: Link/Activity
Power Supply	Power: On/Off, PoE Forwarding Power Internal Power: 100-240 VAC, 200W External 48VDC Input Terminal Block
Power Consumption	25 Watts Max (without PoE load) 185W (with max PoE loads)
PSE Power Available	15.4 Watts 802.3af per port available on 12 ports 7.7 Watts per port available on 24 ports
Operational Temperature	0° to 50° C
Dimensions	Width: 17.4", Depth: 9.7", Height: 1.7"
EMI	FCC Class A, CE Mark
Safety Compliance	UL
Standards Compliance:	IEEE Std. 802.3 10Base-T IEEE Std. 802.3u 100Base-TX IEEE Std. 802.3z 1000Base-X IEEE Std. 802.3ab 1000Base-T 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. 802.1x User Authentication 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
- SFP-ZX 1550nm, SM, 70km, dual fiber, LC Connectors

5/02/12JPK