

Layer 2 Managed Switch

(8) 10/100Base-TX + (2) SFP/RJ-45 Combo Ports

Features:

- ◆ 8- 10/100Base-TX Ports
- ◆ 8- Ports PoE 802.3af, 15.4W
- ◆ Dual Speed 100/1000 SFP Slot
- ◆ IGMP Query & Snooping
- ◆ Port Mirroring
- ◆ 8k MAC Address
- ◆ 802.1x Authentication
- ◆ Telnet/Web-based Management
- ◆ Enable/Disable Ports
- ◆ Auto-Negotiation
- ◆ Auto-MDI/MDIX on all Ports
- ◆ QoS port-based/Tag based
- ◆ Ingress & Egress MAC Address Filter & Static Source MAC Address Lock
- ◆ Non-Blocking Switching Architecture
- ◆ Supports SNMP v1, v2c, v3
- ◆ DIN Rail Mount or Wall Mount

Software Features:

- ◆ **Management:**
Remote Based IP Management, Web Management, SNMP v1/2/3, Telnet, Menu based CLI
- ◆ **Firmware Update:**
TFTP Firmware Upgrade and Configuration Backup
- ◆ **System Default:**
Restore Function for System Default
- ◆ **Port Trunk:**
Supports IEEE 802.3ad Port Trunk
- ◆ **VLAN:**
Port Based VLAN; IEEE 802.1q
- ◆ **Spanning Tree:**
Supports IEEE 802.1w Rapid Spanning Tree and 802.1d Spanning Tree
- ◆ **Port Mirror:**
Supports TX or Bi-Directional RX Packet Mirroring
- ◆ **IGMP:**
Supports IGMP V1, V2



Specifications:

Switch Architecture	Switch Fabric : 5.6Gbs Packet ThruPut : Full Duplex : 8.3pps @ 64 bytes
Transfer Rate	14,880 pps for Ethernet Port 148,800 pps for Fast Ethernet Port 1,488,000 pps for Gigabit Ethernet Port
MAC Address	8K MAC Address Table
Connectors	(8) 10/100 Base-TX: RJ45 (2) 10/100/1000 Base-T: RJ-45 (2) SFP Combo Ports : 100/1000BaseX (1) RS232 : RJ-45
LEDs	Power: Power Good, Fault 10/100/1000: Link/Activity, Full Duplex/Collision SFP: Link/Activity PoE Forwarding Power
Power Supply	External Power: 48Vdc, Redundant 48Vdc External 48VDC Input Terminal Block
Power Consumption	136 Watts (Full PoE load)
PSE Power Available	15.4 Watts per port: 802.3af
Operational Temperature	-40°C to +75°C
Storage Temperature	-40°C to +75°C
Dimensions	Width: 2.8", Depth: 4.1", Height: 5.9"
EMI	FCC Class A, CE Mark
Safety Compliance	UL, cUL, CE/EN60950-1
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. 802.1q VLAN Tagging IEEE Std. 802.3af PoE, IEEE Std. 802.1w RSTP IEEE Std. 802.1d STP, IEEE Std. 802.1p Class of Service IEEE Std. 802.3ad Port Trunk with LACP IEEE Std. 802.1x User Authentication

Ordering Information:

SMH10p-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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