

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

### Features:

- ◆ 8- 10/100Base-TX Ports
- ◆ 8- Ports PoE 802.3at, 30W - 130W total
- ◆ 2- Dual Speed 100/1000 SFP Combo ports
- ◆ IGMP Query & Snooping
- ◆ Port Mirroring
- ◆ 8k MAC Address
- ◆ Jumbo Frames - 9216 byte
- ◆ 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

### 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 802.1d Spanning Tree and Multiple Spanning Tree
- ◆ **Port Mirror:**  
Supports TX or Bi-Directional RX Packet Mirroring
- ◆ **IGMP:**  
Supports IGMP V1, V2



### Specifications:

Switch Architecture	Store and Forward Switching Architecture
Protocols	CSMA/CD
Connectors	(8) 10/100 Base-TX: RJ45 (2) 10/100/1000 Base-T: RJ45 (2) 100Base-FX or 1000 Base-X SFP sockets (1) RJ45 - RS232 Console

MAC Address	8K MAC Address Table
Network Cable	10/100Base-TX : Cat 5e cable
Backplane	20 Gbps
LEDs	RJ-45 ports: 10/100/1000; Link/Activity Full Duplex/Collision Fiber: Link/Activity
Power Supply	Power: On/Off, PoE Forwarding Power Internal Power: 100-240 VAC, 200W
Power Consumption	20 Watts Max (without PoE load)
PSE Power Available	15.4 Watts per port: 802.3af
Operational Temperature	0° to 50° C
Dimensions	Width: 8.7", Depth: 9.53", Height: 1.7"3 Width: 220mm, Depth: 242mm, Height: 44mm
EMI	FCC Part 15 Class A, CE
Safety Compliance	CE

### 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. 802.3at PoE

### Ordering Information:

SM10p-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	1310nm, SM, 5km, dual fiber, LC Connectors
SFP-TX	1550nm, SM, 70km, dual fiber, LC Connectors
	RJ45 100m CAT5e/CAT6