

Layer 2 Managed Switch

(8) 10/100/1000Base-T + (2) SFP/RJ-45 Combo Ports

Features:

- ◆ 8-Port 10/100/1000Base-T Ports
- ◆ 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
- ◆ DHCP Client, Relay, Server
- ◆ SNMP and SMTP Support
- ◆ MAC Address Security
- ◆ Bandwidth Allocation
- ◆ QoS port-based/Tag based, IPv4, Tos/IPv4, IPv6, DiffServ
- ◆ Ingress & Egress MAC Address Filter & Static Source MAC Address Lock
- ◆ Non-Blocking Switching Architecture
- ◆ IEEE 802.1q VLAN
- ◆ IEEE 802.1p Class of Service (4 priority queues)

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
- ◆ **Broadcast Storm:**
Enable/Disable, 5%, 10%, 20%, 25%



Specifications:

Switch Architecture	Store and Forward Switching Architecture
Protocols	CSMA/CD
Connectors	(8) 10/100/1000 Base-T: RJ45 (2) 100/1000 Base-X 45/SFP sockets (1) RJ45 Console Port
MAC Address	8K MAC Address Table
Memory Buffer	128 kbytes
Network Cable	10/100Base-TX : Cat 5 cable 1000 Base-T : Cat 5e cable
Backplane	20 Gbps
LEDs	RJ-45 ports: 10/100/1000; Link/Activity SFP Fiber: Link/Activity Power: On/Off
Power Supply	Internal Power: 100-240 VAC
Power Consumption	15 Watts Max
Operational Temperature	0° to 40° C
Dimensions	Width: 11.02", Depth: 6.53", Height: 1.73"
EMI	FCC Class A, CE Mark
Safety Compliance	LVD
SFP Modules	SFP-SX, SFP-LX, SFP-ZX (sold separately)

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

Ordering Information:

SM10p (Order SFP modules and mounting bracket 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
See SFP datasheet for more SFP selections
Mounting Bracket : SM810-RK