

SmartPOE/802M

8 Port 10/100 Managed PoE Switch with 2 Gigabit Combo

Features

- System Interface/Performance
 - RJ-45 port support Auto MDI/MDI-X Function
 - Embedded 8-port PoE inject function
 - Store-and-Forward Switching Architecture
 - Back-plane (Switching Fabric): 5.6Gbps
 - 1Mbits Packet Buffer
 - v8K MAC Address Table
- Spanning Tree
 - Supports IEEE802.1d Spanning Tree
 - Supports IEEE802.1w Rapid Spanning Tree
- VLAN
 - Port Based VLAN
 - Supports 802.1Q Tag VLAN
 - GVRP
- X-ring
 - X-ring, Dual Homing, and Couple Ring Topology
 - Provides redundant backup feature and the recovery time below 300ms
- Port Trunk with LACP
- QoS (Quality of Service)
 - Support IEEE 802.1p Class of Service,
 - Per port provides 4 priority queues
 - Port Base, Tag Base and Type of Service Priority
- Bandwidth Control
 - Ingress Packet Filter and Egress Rate Limit
 - Broadcast/Multicast Packet Filter Control
- Port Mirror: *Monitor traffic in switched networks*
 - TX Packet only, RX Packet only, Both of TX and RX Packet
- System Event Log
 - System Log Server/Client
 - SMTP e-mail Alert
- Security
 - Port Security : MAC address entries/filter
 - IP Security : IP address security management to prevent unauthorized intruder.
 - Login Security: IEEE802.1X/RADIUS
- SNMP Trap
 - Device cold start, Authentication failure, X-ring topology changed, Port Link up/Link down, PoE port events
- IGMP with Query mode for Multi Media Application
- TFTP Firmware Update and System Configure Restore and Backup

Feeds PoE to up to Eight devices!



8 Port 10/100 Managed PoE Switch with 2 Gigabit Combo
 POE-63208T

802.3af Compliant

PART NUMBER	DESCRIPTION
POE-63208T	8 Port 10/100 Managed PoE Switch with 2 Gigabit Combo

The SmartPoE/802M is a multi-port switch that can be used to build high-performance switched workgroup networks. This switch is a store-and-forward device that offers low latency for high-speed networking and features a "store-and-forward" switching scheme. This allows the switch to auto-learn and store source addresses in an 8K-entry MAC address table. The SmartPoE/802M is targeted at workgroup, department or backbone computing environments. The SmartPoE/802M has eight auto-sensing 10/100Base-TX RJ-45 ports and all ports support the PoE injector function. The switch has two auto-detected Gigabit Combo ports for higher connection speed.

SEE BACK FOR FULL SPECIFICATIONS

SPECIFICATIONS

Standards:	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z Gigabit fiber IEEE802.3x Flow Control and Back Pressure IEEE802.3ad Port trunk with LACP IEEE802.3af Power over Ethernet Cisco Legacy PD IEEE802.1d Spanning Tree/ IEEE802.1w Rapid Spanning Tree IEEE802.1p Class of Service IEEE802.1Q VLAN Tag IEEE 802.1x User Authentication (Radius)	Spanning Tree:	Supports IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree
Connector	100Base-T: 8x RJ-45 with auto MDI/MDI-X. Ports 1~8 support POE inject function.	X-ring:	Supports X-ring, Dual Homing, and Couple Ring Provides redundant backup features and recovery time below 300ms
Packet throughput ability (Full-Duplex):	8.3Mpps @64bytes	Quality of Service:	The quality of service determined by port, Tag and IPv4 Type of service, IPv4/ IPv6 Different Service
Switch Architecture:	<i>Back-plane (Switching Fabric):</i> 5.6Gbps	Class of Service:	Supports IEEE802.1p class of service, per port provides 4 priority queues
MAC address:	8K MAC address table with Auto learning function	IP Security:	Supports up to 10 IP addresses permission to access the switch management and prevent unauthorized access.
Packet Buffer:	1Mbit	Login Security:	Supports IEEE802.1X Authentication/RADIUS
Flash ROM:	4Mbytes	Flow Control:	Supports Flow Control for Full-duplex and Back Pressure for Half-duplex
DRAM:	32Mbytes	IGMP:	Supports IGMP snooping v1,v2 256 multicast groups and IGMP query
LEDs:	System: Power (Green) 10/100TX Port: Link/Activity (Green), 100Mbps (Green), Forwarding /Detect (Green). Gigabit copper port: 1000/100Mbps (Green), Link/Activity (Green) Mini GBIC: Link/Activity (Green) PoE: PWR FWD (Green)	Port Security:	Supports 100 entries of MAC address for static MAC and another 100 for MAC filter
Connectors:	2 x RJ-45 + 2 x 100/1000 SFP socket POE pin assignment: RJ-45 ports #1 ~#8 support IEEE 802.3af End-point, Alternative B mode.	Port Mirror:	Supports 3 mirroring types: "RX, TX, and Both packets"
Per port feeding power:	20 Watts (maximum) Positive (VCC+): RJ-45 pin 4, 5. Negative (VCC-): RJ-45 pin 7, 8. Data (1,2,3,6)	Bandwidth Control:	Supports ingress packet filter and egress packet limit The egress rate control supports all of packet types with limit rates of 100K~250Mbps Ingress filter packet type combination rules are Broadcast/Multicast/Unknown Unicast packet, Broadcast/Multicast packet, Broadcast packet only and all of packet. The packet filter rate can be set from 100k to 250Mbps
Power Supply:	AC 100 ~240V, 200 Watts (Max)	DHCP:	Provides DHCP Client/ DHCP Server/ IP Relay functions
Redundant Power Supply:	48V DC	DNS:	Provides DNS client feature and supports Primary and Secondary DNS servers.
Power Consumption:	135 Watts (open issue)	SNTP:	Supports SNTP to synchronize system clock via Internet
Ventilation:	One DC Fan with fail detect function	System log:	Supports System log record and remote system log server
Operating environment:	0°~45°, 5%~95% RH	SMTP:	Supports SMTP Server and 6 e-mail accounts for receiving event alert
Storage environment:	-40°~70°, 95% RH	Power testing:	Features power supply testing function
Dimension:	270mm (W) x 210mm (D) x 44mm (H)	Configuration upload and download:	Supports text format configuration file for easy system installation
EMI:	FCC Class A, CE		
Safety:	UL, cUL, CE/EN60950-1		

SOFTWARE FEATURES

Management:	SNMP v1 v2c, v3/ Web/Telnet/CLI
SNMP MIB:	RFC 1215 Trap, RFC1213 MIBII, RFC 1157 SNMP MIB, RFC 1493 Bridge MIB, RFC 2674 VLAN MIB, RFC 1643, RFC 1757, RSTP MIB, Private MIB, PoE MIB
RFC standard:	Port Based VLAN IEEE 802.1Q Tag VLAN (256 entries)/VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4096.) GVRP (256 Groups)
SNMP Trap	1. Device cold start 2. Authentication failure 3. X-ring topology changed 4. Port Link up/Link down 5. DC disconnect trap-PoE port Event
Firmware Update	Supports TFTP firmware update, TFTP backup and restore.
Port Trunk:	LACP Port Trunk: 4 Trunk groups/Maximum 4 trunk members

