













24-port Ethernet + 2 TP/SFP Gigabit Dual Media Layer2 Managed Switch







Features >>>>

- 2 Dual Media for Flexible Fiber Connection
- Supports Q-in-Q (Double-tag)
- IEEE802.1X Access Control improves network security
- Unknown Unicast/Broadcast/Multicast storm control
- IP-MAC-port binding for LAN security
- ACL Based on Ethernet Type/ARP/IPv4 for packets permit or Multicast VLAN management for IPTV deny, rate limitation and port copy
- Supports LLDP (Link Layer Discovery Protocol) provides a standards-based method for enabling switches to advertise themselves.
- Port Mirroring helps supervisor monitoring network
- IEEE802.1Q tag-based VLAN for performance & security
- IEEE802.1D Compatible, IEEE802.1w Rapid Spanning Tree & IEEE802.1s
- Multiple Spanning Tree
- QCL Based on Application traffic for QoS and rate
- Supports DHCP snooping (DHCP option 82)
- Supports "power saving" for Green Ethernet requirement
- Supports IGMPv3 snooping and IGMP Proxy

Introduction

MSM-6226 is a L2 Managed Switch that meets all IEEE 802.3/u/x/z Gigabit, Fast Ethernet and Ethernet specifications. It provides 24 Fast Ethenret ports (10/100 Mbps TP) and 2 Gigabit dual media ports with TP/SFP (or GBIC).

The switch can be managed through RS-232 serial port via direct connection, or through Ethernet port using Telnet or Web-Based management unit, associated with SNMP agent. With the SNMP agent, the network administrator can logon the switch to monitor, configure and control each port activity in a friendly way. The overall network management is enhanced and the network efficiency is also improved to accommodate high bandwidth applications. In addition, the switch features comprehensive and useful function such as DHCP Option 82, QoS (Quality of Service), Spanning Tree, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON and IGMPv3 Snooping capability via the intelligent software. It is suitable for both Metro-LAN and office application.

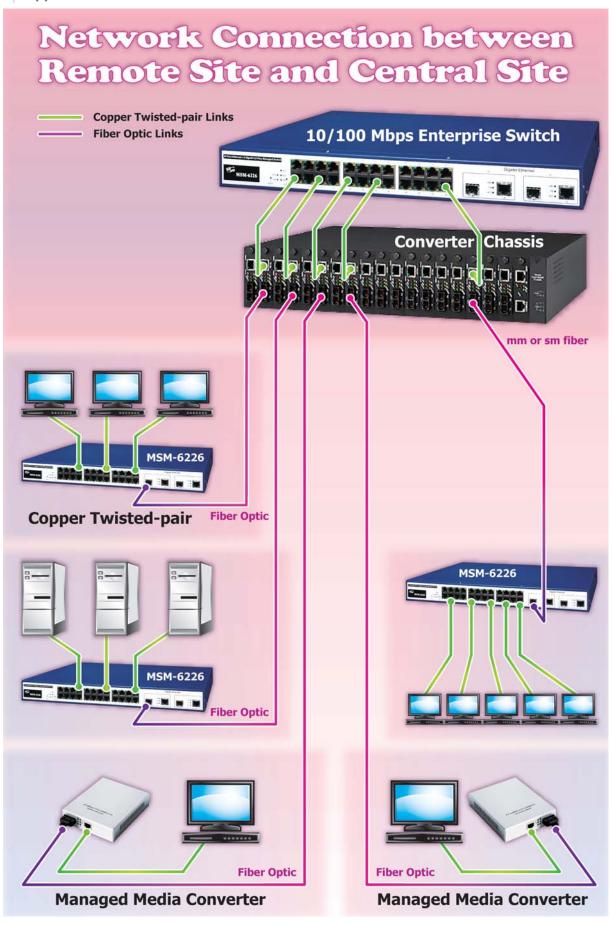
The switch also supports the power saving to reduce the power consumption with Power Management technique. It could efficiently saving the switch power by auto detect the client idle and cable length.



Technology			
	2 Dual Media for Flexible Fiber Connection		
	Port Mirroring helps supervisor monitoring network		
	Improves Q-in-Q (Double-tag)		
	IEEE802.1Q tag-based VLAN for performance & security and 4094 VLAN entries		
Standards	IEEE802.1X Access Control improves network security		
	IEEE802.1D Compatible, IEEE802.1w Rapid Spanning Tree & IEEE802.1s Multiple Spanning Tree		
	Unknown Unicast/Broadcast/Multicast storm control		
	Multicast VLAN management for IPTV		
	IP-MAC-port binding for LAN security		
	QCL Based on Application traffic for QoS and rate limitation management		
	Supports IGMPv3 snooping and IGMP Proxy		
	Supports DHCP snooping (DHCP option 82)		
	ACL Based on Ethernet Type/ARP/IPv4 for packets permit or deny, rate limitation and port copy		
	Supports "power saving" for Green Ethernet requirement		
	Supports LDP (Link Layer Discovery Protocol) provides a standards-based method for enabling switches to		
	advertise themselves.		
MAC Addresses	8192		
Processing Type	Non-blocking, store-and-forward and shared-memory L2 managed switch		
Memory Bandwidth	8.8 Gbps		
Frame Buffer Memory	Embedded 256 KB packet buffers and 128 KB control memory		
Flavo Cambral	Backpressure flow control for half duplex		
Flow Control	802.3x flow control for full duplex		
Protocol	VLAN, QoS, Port Trunk, SMTP, TELNET, SNMP, IGMP, IEEE802.1X, LLDP		
Interface			
RJ-45 Ports	24-port 10/100 Base-TX auto negotiation speed, F/H duplex mode, and auto MDI/MDI-X connection and 3 Gigabit Ethernet ports with non-blocking wise speed performance.		
SFP	2-port 1000 Mbps SFP Fiber Module Dual Media Auto Detection		
LED Indicators	CPURUN, POWER, ACT, FDX, SPD		
Ethernet Isolation	2 K Voc Isolation		
COM1	RS-232 (TxD, RxD and GND); Non-isolated		
Frame Ground for EMS Protection	FMS Requirements:		
Power			
Input Voltage Range	+100 Vac ~ +240 Vac		
Power Consumption	15 W		
Protection	Over-Voltage Protection (Spec.: 6.5 V+/-0.7 V); Over-Current Protection (Spec.: 6 A ~ 10 A); Short Circuit Protection		
Frame Ground for EMS Protection	Yes		
Mechanical			
Casing	Metal		
Environmental Rating	IP20		
Dimensions (W x L x H)	442 mm x 209 mm x 44 mm		
Installation	Installing Chassis to a 19-Inch Wiring Closet Rail; No Wall mounting		
Environmental			
Operating Temperature	-10 °C ~ +60 °C		
Storage Temperature	-10 °C ~ +70 °C		
	ative Humidity 5% ~ 90% RH, non-condensing		

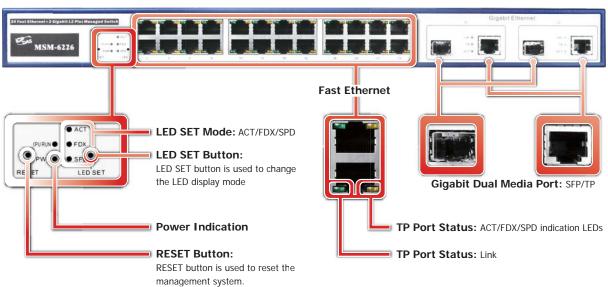


Applications

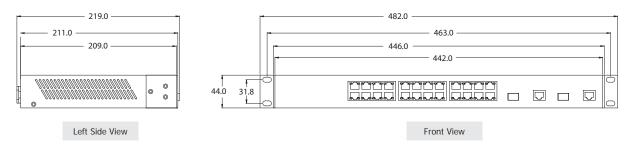


Appearance





- Dimensions (Units: mm)



Ordering Information

MSM-6226 CR	24-port Ethernet + 2 TP/SFP Gigabit Dual Media Layer2 Managed Switch.
	(include 9-Pin Female-Female D-sub cable, 1.8 M Cable and Power Cord)

- Accessories

	SFP-1G85M-SX	Multi-mode 850 nm, 0.5 km SFP module
	SFP-1G13M-SX2	Multi-mode 1310 nm, 2 km SFP module
	SFP-1G13S-LX	Single-mode 1310 nm, 10 km SFP module
	SFP-1G13S-LX20	Single-mode 1310 nm, 20 km SFP module
	SFP-1G13S-LHX	Single-mode 1310 nm, 40 km SFP module
	SFP-1G15S-XD	Single-mode 1550 nm, 60 km SFP module