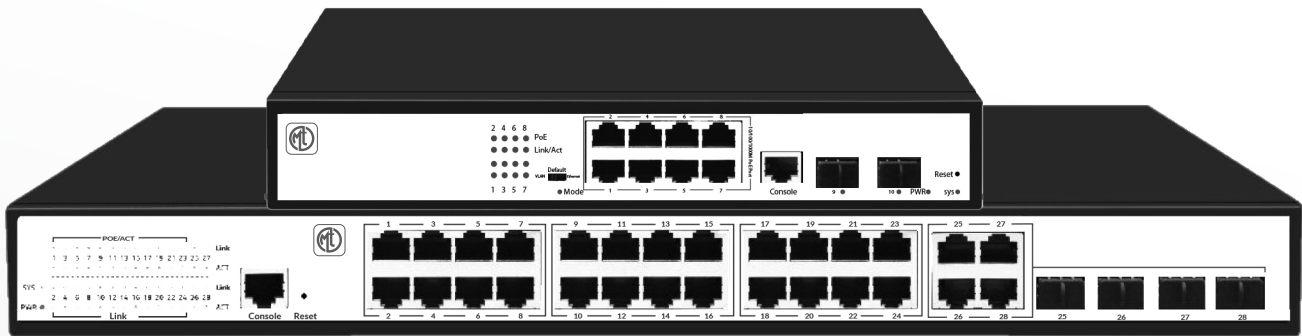


# MAXXTEK Gigabit Managed Ethernet PoE Switch



## PRODUCT OVERVIEW

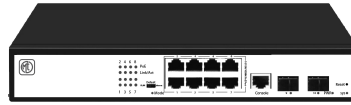
The 10/24 Ports Gigabit Managed PoE Switch. It adopts High-Quality and High-Speed Network IC and the most stable PoE Chip. The PoE port meets the IEEE802.3af or IEEE802.3at standard. This model can provide seamless connection for 10/100/1000M Ethernet, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The Non-PoE devices are forcibly powered and only transmit data.

## PRODUCT SPECIFICATIONS



ITEM	MMS6710-PB	MMS6732-PB	
INTERFACE	<b>8 GE POE PORTS, 2 100/1000M SFP PORTS</b>	<b>24 GE POE PORTS, 4 GE TX/SFP COMBO PORTS</b>	
CONSOLE(RJ45)		1 RJ45 PORT	
BACKPLANE(Gbps)	20 Gbps	56 Gbps	
FORWARDING RATE(Mpps WITH 64 BYTES)	15 Mpps	42 Mpps	
CHASSIS	DIMENSIONS (WXDXH)(MM)	268x181x44	440x280x44
	WEIGHT(KG)(EMPTY)	1.2	3.9
PACKAGE	DIMENSIONS (WXDXH)(MM)	312x260x84	500x365x85
	WEIGHT(KG)	1.7	4.6
INPUT VOLTAGE		AC: 100V-240V, 50/60Hz	
POWER SUPPLY	52V 2.3A	52V 7.69A	
POE POWER BUDGET	120W	400W	
PoE PROTOCOL	IEEE802.3af (15.4W) IEEE802.3at (30W)		
FAN NUMBER	-	2	
INDUSTRY STANDARD	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT), EN61000-4-5 (Surge)		
MTBF(H)	100,000		
FORWARDING MODE	Store - Forward		
FLASH (MB)	16		
DRAM (MB)	128		
MAC	8K		
BUFFER SIZE(MB)	4		
JUMBO FRAME	9K		
VLAN	4K		

## PRODUCT FEATURES



### VLAN

- 4K Active VLAN,
- Trunk, Hybrid, MAC-based
- GVRP, Private VLAN,
- Voice VLAN

### Spanning Tree

- 802.1D (STP),
- 802.1W(RSTP) and 802.1S(MSTP)
- BPDU guard, root guard and loopback guard

### Multicast

- IGMP v1/2/3
- IGMP Snooping
- IGMP Fast Leave
- IGMP Filter
- MVR

### STORM SUPPRESSION

- Support multicast suppression
- Support broadcast storm suppression
- Support unknown unicast suppression

### QoS

- Based on 802.1p (COS) classification
- Based on DSCP classification
- Classification based on source IP, destination IP, and port number
- Support SP, WRR scheduling strategy
- Support flow rate limit CAR

### Security

- Support Restrict user access based on port number, IP address, MAC address
- Support HTTPS, SSH V1/V2
- Support VLAN-IP-MAC-PORT binding
- Support ARP detection, IP source protection, DoS protection
- Support DHCP Snooping, DHCP Attack protection
- Support 802.1X Certification
- Support AAA (Authentication, Authorization, Accounting),
- Support RADIUS protocol
- Support Port security, port isolation
- Support TACACS+ certification

### Accessories

- Power cord, rackmount kits, console cable, anti-slipping pad

### Reliability

- Static/LACP link aggregation, L n interface backup
- Support based on IP, MAC, mixed load-balancing modes

### Management

- Support WEB Management (HTTP, HTTPS)
- Support CLI (Telnet, SSH V1/V2, Local serial port)
- Support SNMP V1/V2/V3
- Support RMON V2
- Support LLDP Device discovery
- Support SNTP Time synchronization
- Support CPU Monitoring, Memory Monitoring
- Support System log, classification warning
- Support Ping, Traceroute detection, cable detection
- Support WEB Management (HTTP, HTTPS)

### Environment

- Operating temperature/humidity: -10°C-50°C, 10%-90% non-condensing
- Storage temperature/humidity: -20°C-70°C, 5%-90% non-condensing

## ORDERING INFORMATION

Item	Description
MMS6710-PB	ETHERNET POE SWITCH WITH 10 GE PORTS (1 CONSOLE PORT, 8 GE POE PORTS, 2 100/1000M SFP PORTS, 1 STANDARD AC220V POWER SUPPLY, 120W , FANLESS, 1U, RACK-MOUNTED INSTALLATION)
MMS6732-PB	ETHERNET POE SWITCH WITH 28 GE PORTS (1 CONSOLE PORT, 24 GE POE PORTS, 4 GE TX/SFP COMBO PORTS, 1 STANDARD AC220V POWER SUPPLY, 400W, THE COOLING FAN, 1U, STANDARD 19-INCH RACK-MOUNTED INSTALLATION)

## OPTICAL MODULES



### 100M Optical Modules

FSFP-SX-1310	100M SFP multi-mode (2Km, 1310nm, LC, DDM)
FSFP-LX-15	100M SFP single-mode (15Km, 1310nm, LC, DDM)
FSFP-LX-40	100M SFP single-mode (40Km, 1310nm, LC, DDM)
FSFP-ZX-80	100M SFP single-mode (80Km, 1550nm, LC, DDM)
FSFP-LX-SM1310-20-BIDI	100M SFP single-mode, single fiber (20Km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-20-BIDI	100M SFP single-mode, single fiber (20Km, TX1550/RX1310, LC, DDM)
FSFP-LX-SM1310-40-BIDI	100M SFP single-mode, single fiber (40Km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-40-BIDI	100M SFP single-mode, single fiber (40Km, TX1550/RX1310, LC, DDM)
FSFP-LX-SM1310-80-BIDI	100M SFP single-mode, single fiber (80Km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-80-BIDI	100M SFP single-mode, single fiber (80Km, TX1550/RX1310, LC, DDM)

### GE Optical Modules

GSFP-TX-B	GE SFP-to-RJ45 module
GSFP-SX-D	GE SFP multi-mode (500m, 850nm, LC, DDM)
GSFP-LX-10-D	GE SFP single-mode (10Km, 1310nm, LC, DDM)
GSFP-LX-20-D	GE SFP single-mode (20Km, 1310nm, LC, DDM)
GSFP-LX-40-D	GE SFP single-mode (40Km, 1310nm, LC, DDM)
GSFP-ZX-80-D	GE SFP single-mode (80Km, 1550nm, LC, DDM)
GSFP-ZX-120-D	GE SFP single-mode (120Km, 1550nm, LC, DDM)
GSFP-LX-SM1310-10-BIDI	GE SFP single-mode, single fiber (10Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-10-BIDI	GE SFP single-mode, single fiber (10Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-20-BIDI	GE SFP single-mode, single fiber (20Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-20-BIDI	GE SFP single-mode, single fiber (20Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-40-BIDI	GE SFP single-mode, single fiber (40Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-40-BIDI	GE SFP single-mode, single fiber (40Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1490-80-BIDI	GE SFP single-mode, single fiber (80Km, TX1490/RX1550, LC, DDM)
GSFP-LX-SM1550-80-BIDI	GE SFP single-mode, single fiber (80Km, TX1550/RX1490, LC, DDM)
GSFP-LX-SM1490-120	GE SFP single-mode, single fiber (120Km, TX1490/RX1550, LC, DDM)
GSFP-LX-SM1550-120	GE SFP single-mode, single fiber (120Km, TX1550/RX1490, LC, DDM)