

# MAXXTEK Full L2 POE Switch Series



Supports Maximum  
24 GE PoE Ports and 4  
GE SFP Uplink Ports



Advanced Hardware  
Architecture and  
Industry-leading Port  
Density



Carrier-Level High  
Reliability  
Layer-3 Routing  
Functions



Varied Service  
Characteristics Versatile  
IPv6 Solution Complete  
Security Mechanism

## PRODUCT OVERVIEW

**MMS-6700** SERIES IS A NEW-GENERATION INTELLIGENT POE ACCESS SWITCH DESIGNED FOR CARRIER'S IP MAN AND ENTERPRISE NETWORKS. BASED ON THE NEW-GENERATION HIGH-PERFORMANCE HARDWARE PLATFORM, IT SUPPORTS FUNCTIONS SUCH AS ACL, QINQ AND QOS. ITS SIMPLE MANAGEMENT MODE AND FLEXIBLE INSTALLATION CAN MEET THE REQUIREMENT OF ANY COMPLICATED SCENARIOS;

MAXXTEK **POE** SERIES HAS 2 MODELS: MMS-6710-P , MMS-6728-P

## PRODUCT SPECIFICATIONS



ITEM	MMS-6710-P	MMS-6728-P	
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, 1 RST BUTTON	1 RJ45 PORT, 1 RST BUTTON	
BACKPLANE(Gbps)	20 Gbps	56 Gbps	
FORWARDING RATE(Mpps WITH 64 BYTES)	15 Mpps	42 Mpps	
CHASSIS	DIMENSIONS (WXDXH)(MM)	280X180X44	440X210X44
	WEIGHT(KG)(EMPTY)	1.6	3
PACKAGE	DIMENSIONS (WXDXH)(MM)	346X289X92	555X295X88
	WEIGHT(KG)	2.4	4.1
POWER CONSUMPTION	NO-LOAD	<7W	<17W
	FULL LOAD	142.5W	393.5W
POWER SUPPLY	AC: 100V-240V, 50/60Hz	150W	400W
POE POWER BUDGET	130W	370W	
TOTAL OUTPUT BTU (1000BTU/H=293W)	511.95	1365.19	
FAN NUMBER	/	2	
NOISE@25°C(dBA)	0	37.5	
MTBF(H)	> 50,000	> 50,000	
FORWARDING MODE	Store - Forward		
FLASH (MB)	16		
DRAM (MB)	128		
MAC	8K		
BUFFER SIZE(MB)	4.1		
JUMBO FRAME	9K		
TOTAL SVI	10		



## PRODUCT FEATURES

### VLAN

- 4K Active VLAN,
- QinQ & Selective QinQ,
- 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

### IP

- Static route
- RIP, OSPF
- 512 routing table
- IPv4/v6 dual stack
- DHCP Server/Client/Relay

### QoS

- CAR, HQoS, MAC/IP/TCP/UDP/ VLAN/COS/DSCP/TOS based
- QoS, 802.1P/DSCP priority relabeling, SP, WRR, and "SP+WRR",
- Tail-Drop, WRED, flow monitoring and traffic shaping

### Security

- Port isolation, Port security, and "IP+MAC+port" binding, MAC sticky DHCP Snooping and option 82, DAI & IP source guard, PPPoE+,
- IEEE 802.1x, Radius and Tacacs+
- L2/L3/L4 ACL flow identification and filtration Anti-attack from DDoS, TCP's SYN Flood, UDP Flood, etc.
- Broadcast/multicast/unknown unicast storm-control
- Md5, SHA-256, RSA-1024, AES256, etc.

### Reliability

- Static/LACP link aggregation, In interface backup
- EAPS and ERPS
- ISSU

### Management

- Console, Telnet,SSH v1/2,HTTP, HTTPS SNMP v1/v2/v3, RMON
- TFTP, FTP, SFTP
- NTP
- ZTP(Zero Touch Provisioning)
- SPAN, RSPAN

### Accessories

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

### 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
<b>L3-lite series switch</b>	
<b>MMS-6710-P</b>	ETHERNET POE SWITCH WITH 10 GE PORTS (1 CONSOLE PORT, 8 GE POE PORTS, 2 100/1000M SFP PORTS, 1 STANDARD AC220V POWER SUPPLY, 150W , FANLESS, 1U, RACK-MOUNTED INSTALLATION)
<b>MMS-6728-P</b>	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)

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Website: www.ehoome.in

Delhi Office : C-171,Ground Floor  
Defense Colony  
New Delhi: 110024

Factory: A-13, Sector-83,  
Phase-II,Noida,  
U.P: 201301

## 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)