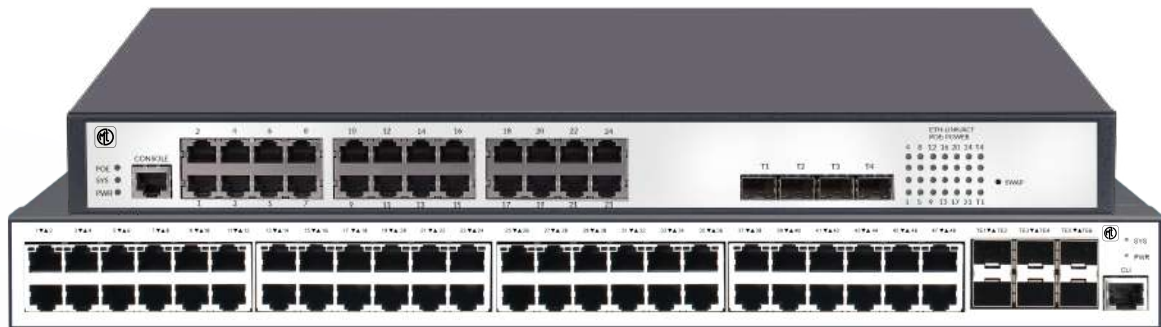


MAXXTEK L3-lite POE Series



Supports Maximum 24 GE TX Ports and 6 10GE 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-8728-P & MMS-8748-P L3-lite POE Series is a next-generation aggregation 10GE switch introduced by Maxxtek. It is targeted at the IP MAN (metropolitan area network), government and enterprise networks, Internet café and diskless working environment. It is developed on the basis of high performance hardware and BDRoS - a software platform with Maxxtek own independent intellectual property rights. It supports functions such as powerful ACL, flexible QinQ, 1:1 or N:1 VLAN switching, Ethernet OAM, carrier-level QoS and industry-level 10GE Ether-ring, ensuring this switch series meets application requirements in all kinds of complicated sites. It also supports layer-3 routing protocol.

Registered Office: E-home lot Pvt.Ltd.
Ideal Centre, 1st Floor,9 A.J.C Bose road
Kolkata:700017
Email: sales@ehoome.in
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



Maxxtek

PRODUCT SPECIFICATIONS

ITEM

MMS-8728-P

MMS-8748-P

INTERFACE	24 GE POE 4 10GE/GE SFP+	48 GE TX 6 10GE/GE SFP+
Console		1
Backplane(Gbps)	128	216
Forwarding rate(Mpps with 64 bytes)	96	162
Chassis	Dimensions (WxDxH)(mm)	440X210X44
	Weight(KG)(empty)	3
Package	Dimensions (WxDxH)(mm)	555X295X88
	Weight(KG)	4.1
Power consumption	no-load	< 25W
	Full load	<408W
Power supply	AC: 100V-240V, DC:36-72V	410W
POE power budget	370 W	450W AC AND 800W DC
Total output BTU (1000BTU/H=293W)	1392.49	370W AC OR 740W DC 1535.84@AC, 2730.38@DC
Fan number		2
Noise@25°C(dBA)	37.5	45
MTBF(H)		> 200,000
Forwarding mode		Store-forward
Flash (MB)		16
DRAM (MB)	256	512
MAC		16k
Buffer size(MB)		1.5
Interface vlan		64
Routing table	2040	512
Jumbo frame		9k

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U.P: 201301

Manufactured by:  **e Hoome IoT**
smart living



PRODUCT FEATURES

VLAN

- 4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN, VLAN translation, GuestVlan

Spanning Tree

- 802.1D (STP), 802.1W (RSTP) and 802.1S (32 instances MSTP)
- BPDU guard, root guard and loopback guard

Multicast

- IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave, MVR, IGMP filter

IP

- Static route, RIP, OSPF
- IPv4/v6 dual stack

IPv6

- ICMPv6, DHCPv6, ACLv6 and Ipv6 Telnet
- IPv6 neighbor discovery, Path MTU discovery
- MLD V1, MLD snooping
- IPv6 Static Routing, RIPng, OSPFv3
- Manual tunnel, ISATAP tunnel, 6 to 4 tunnel

QoS

- CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based QoS, 802.1P/DSCP priority re-labeling, 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 DAI & IP source guard, PPPoE+,
- IEEE 802.1x, AAA, Radius and BDTacacs+
- 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

DHCP

- DHCP server/relay/client
- DHCP snooping/option82

Reliability

- Static/LACP link aggregation, Interface backup
- EAPS and ERPS
- ISSU uninterrupted system upgrade BVSS, ups to 16-units per stack
- VRRP
- UDLD

Management

- Console, Telnet, SSH v1/2, HTTP, HTTPS, SNMP v1/v2/v3, RMON
- TFTP, FTP, SFTP
- NTP
- ZTP
- SPAN, RSPAN
- Dying gasp*

Environment

- Operating temperature/humidity: 0°C -50°C, 10%-90% non-condensing
- Storage temperature/humidity: -20°C -70°C, 5%-95% noncondensing

ACCESSORIES

- Power cord, rackmount kits, console cable

ORDERING INFORMATION

Item	Description
L3-lite series switch	
MMS-8728-P	ETHERNET LAYER-3 LITE POE SWITCH WITH 24 GE PORTS AND 4 10GE PORTS (1 CONSOLE PORT, 24 GE POE TX PORTS, 4 10GE/GE SFP PORTS; STANDARD AC220V POWER SUPPLY, 370W POE POWER, THE COOLING FAN; 1U; STANDARD 19-INCH RACK-MOUNTED INSTALLATION)
MMS-8748-P	ETHERNET LAYER-3 LITE POE SWITCH WITH 48 GE PORTS AND 10GE/GE PORTS (1 CONSOLE PORT, 48 GE POE TX PORTS, 6 10GE/GE SFP+ PORTS; STANDARD AC220V POWER SUPPLY, 370W AC POE POWER, 740W DC POE POWER, THE COOLING FAN; 1U, STANDARD 19-INCH RACK-MOUNTED INSTALLATION)

OPTICAL MODULES

10GE Optical Modules

SFP+TX	10GE SFP+-to-RJ45 module
SFP+SX	10GE SFP+ multi-mode (300m, 850nm, LC)
SFP+LX-10	10GE SFP+ single-mode (10Km, 1310nm, LC, DDM)
SFP+LX-20	10GE SFP+ single-mode (20Km, 1310nm, LC, DDM)
SFP+LX-40	10GE SFP+ single-mode (40Km, 1310nm, LC, DDM)
SFP+LX-80	10GE SFP+ single-mode (80Km, 1550nm, LC, DDM)
SFP+LX-SM-1270-10	10GE SFP+ single-mode, single-fiber (10Km, TX1270/RX1330, LC, DDM)
SFP+LX-SM-1330-10	10GE SFP+ single-mode, single-fiber (10Km, TX1330/RX1270, LC, DDM)
SFP+LX-SM-1270-20	10GE SFP+ single-mode, single-fiber (20Km, TX1270/RX1330, LC, DDM)
SFP+LX-SM-1330-20	10GE SFP+ single-mode, single-fiber (20Km, TX1330/RX1270, LC, DDM)
SFP+LX-SM-1270-40	10GE SFP+ single-mode, single-fiber (40Km, TX1270/RX1330, LC, DDM)
SFP+LX-SM-1330-40	10GE SFP+ single-mode, single-fiber (40Km, TX1330/RX1270, 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 (40Km, 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	GE SFP single-mode, single fiber (10Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-10	GE SFP single-mode, single fiber (10Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-20	GE SFP single-mode, single fiber (20Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-20	GE SFP single-mode, single fiber (20Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-40	GE SFP single-mode, single fiber (40Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-40	GE SFP single-mode, single fiber (40Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1490-80	GE SFP single-mode, single fiber (80Km, TX1490/RX1550, LC, DDM)
GSFP-LX-SM1550-80	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)

* No logical restriction for operation with third party SFPs