

NETGEAR MS108UP Unmanaged 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE)

Brand : NETGEAR

Product code: MS108UP-100NAS

Product name : MS108UP



MS108UP - 8-port Multi-Gigabit (2.5G) Ultra60 PoE++ Ethernet Unmanaged Switch

[NETGEAR MS108UP Unmanaged 2.5G Ethernet \(100/1000/2500\) Power over Ethernet \(PoE\):](#)

NETGEAR brings the first Unmanaged

Multi-Gigabit PoE++ switch MS108UP with 60Watts per port Ultra60 PoE++ technology, ideal for powerful PoE++ installations with PoE budgets up to 230W, a compact size, plug-and-play installation, and reliable performance at affordable prices. The new model MS108UP supports 2.5 Gigabit speed connectivity and Power-Over-Ethernet (PoE) that can provide up to 60W/port. The new switch model can power devices such as VoIP phones, surveillance IP cameras, wireless access points and many other applications. This new Unmanaged switch provides PoE Auto-Balance to help automatically balance the PoE power based on the device needs independent of PoE class detected. With the growing deployment of applications and an all-in-one solution, providing multi-speed and high power to these applications would be ideal.



Management features		Design	
Switch type *	Unmanaged	Wall mountable	✓
Quality of Service (QoS) support	✓	Number of fans	0 fan(s)
Ports & interfaces		Electromagnetic compatibility	CE, FCC part 15 Class B, ISED, VCCI, KC, CCC, BSMI, RCM
Basic switching RJ-45 Ethernet ports quantity *	8	Performance	
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Fanless	✓
2.5G Ethernet (copper) ports quantity	8	Mean time between failures (MTBF)	373643.7 h
Network		Power	
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3u, IEEE 802.3x	Power source *	DC
10G support *	✗	Power supply included *	✓
Full duplex	✓	DC input voltage	54 V
Half duplex	✓	Input current	4.7 A
Auto MDI/MDI-X	✓	Power over Ethernet (PoE)	
Head-of-line (HOL) blocking	✓	Power over Ethernet (PoE) *	✓
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power over Ethernet plus (PoE+) ports quantity	8
Auto-sensing	✓	Total Power over Ethernet (PoE) budget	230 W
VLAN support	✓	Operational conditions	
Number of VLANs	64	Operating temperature (T-T)	0 - 40 °C
Data transmission		Storage temperature (T-T)	-20 - 70 °C
Switching capacity *	40 Gbit/s	Operating relative humidity (H-H)	0 - 90%
MAC address table *	16000 entries	Operating altitude	0 - 3000 m
Latency (1 Gbps)	3.593 µs	Heat dissipation	923.49 BTU/h
Jumbo frames support	✓	Weight & dimensions	
Jumbo frames	12000	Width	210 mm
Packet forwarding rate (1 Gbps)	1488000 pps	Depth	140 mm
Packet buffer memory	1.5 MB	Height	40 mm
Design		Weight	900 g
Rack mounting *	✗	Certificates	
		Certification	CB, CSA, CCC, BSMI, RCM

Design

Housing material

Metal



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