

Power supply
(per port)

90 W

240 W PoE power budget

4 PoE ports

Multi-Gigabit (2.5G/5G)
supported

MGA-ML4TWPoE++

(PN290496)



Operating Temperature
50 °C

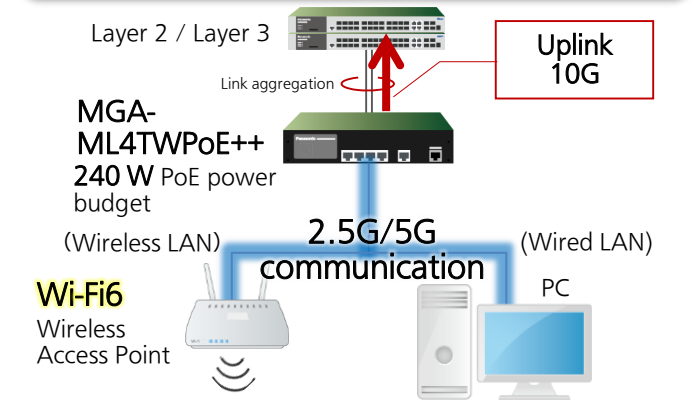
Lightning surge resistance
10 kV

Step authentication
Triple authentication
Built-in automatic reboot function

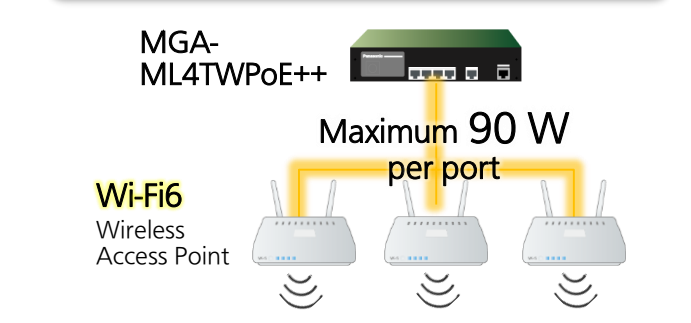
NEW Multi-Gigabit (2.5G/5G)

NEW PoE++ power supply

Wireless and wired Multi-Gigabit (2.5G / 5G) communications for ultra high-speed environments eliminate bottlenecks.

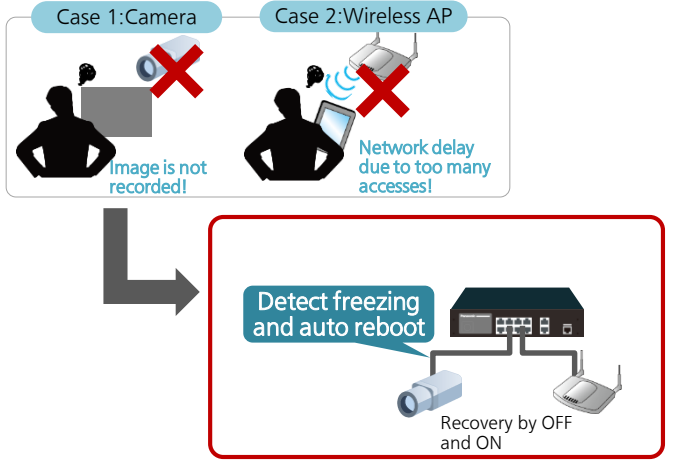


Wi-Fi 6 compatible 90 W high-power PoE for wireless LAN environments



Built-in computer-less automatic reboot function

It detects freezing in PoE connected devices, and restores them by turning the power OFF and ON to reboot (restart) the connected device.



Port configuration / Size

100/1000/2.5G/5GBASE-T (PoE)	4 ports
100/1000/2.5G/5G/10G	2 ports *Exclusively used with SFP
SFP+	2 ports
Size (mm)	W 330 x D 230 x H 44

Operating temperature – 50 °C

It can be installed in high-temperature locations like inside the switchboard of hallways or entrance halls.

Lightning surge resistance – 10 kV

Reinforced with Panasonic’s original lightning surge protection for port side, equipment failure caused by lightning surges via outdoor PoE equipment is prevented.

Specifications

Product name	MGA-ML4TWPoE++
Product number	PN290496
100/1000/2.5G/5GBASE-T ports	4
100/1000/2.5G/5G/10GB ASE-T ports	2 (Exclusively used with SFP)
SFP+ expansion ports	2
PoE ports	4 (IEEE802.3bt/at/af)
Auto negotiation	Yes
Auto MDI/MDI-X	Yes
Energy Efficient Ethernet (EEE)	Yes
Flow control	Yes
Forwarding rate	10BASE-T 14,880 pps/port max. 100BASE-T 148,800 pps/port max. 1000BASE-T 1,488,000 pps/port max.
Switching capacity	80.0 Gbps
Packet forwarding rate	59.52 Mbps
MAC address table	16K entries/unit
Buffer memory	2 MB/unit
Management protocols	SNMP v1/v2c/v3, RMON, WEB, SSH, TELNET, Ping
Configuration / Settings	CLI, Menu, WEB, ZEQUO assist Plus
VLAN	IEEE802.1Q, Private VLAN, MAC-based VLAN, Subnet based VLAN, Protocol-based VLAN, Asymmetric VLAN, Voice VLAN, Dynamic VLAN, Guest VLAN
Number of VLAN registrations	4,094
Internet mansion function	Yes
Port grouping function	Yes
Spanning Tree	Yes
Ring protocol	Yes

Link aggregation	IEEE802.11ad (LACP/Static)
Port monitoring	Yes
Security	WEB authentication, MAC authentication, IEEE802.1X authentication, Triple authentication, Step authentication
Multicast function	IGMP snooping, Multicast group registration function
QoS	Yes
EAP frame transparent	Yes
ACL	Yes
Power supply	AC 100-240 V
Power consumption (min./max.)	20.8 W/303 W
Power supply capacity (per port)	90 W
Power supply capacity (Total)	240 W
PoE scheduler	Yes
Loop prevention function	Loop detection/shutoff/Loop history
BPDU guard	Yes
Storm control	Yes
Operating environment	Temperature 0-50 °C, Humidity 20-80 %RH (no condensation)
Storage environment	Temperature -20-70 °C, Humidity 10-90 %RH (no condensation)
Equipment size (mm)	W 330 x D 230 x H 44
Weight (g)	3,100
Accessories	Instruction manual, power cord, rubber feet, 19-inch rack mount kit, screws

Optional Accessories

- 10GBASE-SR SFP+ Module (PN59021)
- 10GBASE-LR SFP+ Module (PN59023)
- 1000BASE-SX SFP Module(i) (PN54022)
- 1000BASE-LX SFP Module(i) (PN54024)