

Power supply  
(per port)

90 W

240 W PoE power budget

4 PoE ports

Operating Temperature

50 °C

Lightning surge resistance

10 kV

Step authentication

Triple authentication

Built-in automatic reboot function

GA-ML4TWPoE++

(PN260496)



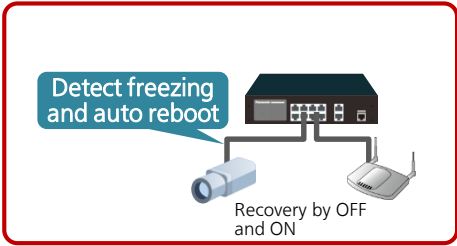
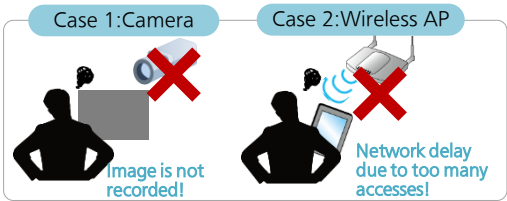
NEW PoE++ supported

A PoE++ power supply switch (90 W per port) is released. IEEE802.3bt which was established in 2018 expands the range of PoE compatible equipment. You can utilize it for PoE++ compatible devices like HD 4K PTZ cameras.



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.



All ports support Gigabit Ethernet

All UTP ports support 10/100/1000 Mbps. In addition, fiber-optic long-distance transmission is possible with SFP ports. (SFP or 10/100/1000T are exclusively used.)

10/100/1000T (PoE)	4 ports
10/100/1000T	2 ports *Exclusively used with SFP
SFP	2 ports *Exclusively used with 10/100/1000T
Size (mm)	W 210 x D 260 x H 44

Operating temperature – 50 °C

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

Silent fan control

You can control the rotation speed of the fan according to the power supply capacity so that it can be used in the office such as the desk side or in a quiet environment such as a corridor.

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	GA-ML4TWPoE++
Product number	PN260496
10/100/1000BASE-T ports	6 (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	12.0 Gbps
Packet forwarding rate	8.9 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.)	11.5 W/291 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 210 x D 260 x H 44
Weight (g)	2,300
Accessories	Instruction manual, power cord, rubber feet, 19-inch rack mount kit, screws

Optional Accessories

1000BASE-SX SFP Module(i) (PN54022)  
1000BASE-LX SFP Module(i) (PN54024)