

**GIGA
PoE+**

New line up for PoE Series
Simple Management Function

GA-AS16TPoE+

Product Number : PN25168

New Series

All Giga

IEEE802.3at (PoE+)

50°C Operating Temp.



Max Power Supply
112W

PoE Port
16

**Best Solution
for Small Scale
Camera Network!**

1. All port Gigabit Ethernet Capable

All ports provides Gigabit Ethernet connectivity
PoE Port plus up link 2 ports

| Product Name (Product No.) | 10/100/1000T | PoE Port |
|----------------------------|--------------|----------|
| GA-AS4TPoE+ (PN25048) | 6 | 4 |
| GA-AS10TPoE+ (PN25108) | 12 | 10 |
| GA-AS12TPoE+ (PN25128) | 14 | 12 |
| GA-AS16TPoE+ (PN25168) | 18 | 16 |
| GA-AS24TPoE+ (PN25248) | 26 | 24 |

2. 802.3at Power over Ethernet Plus (PoE+)

PoE+ support for up to 30W per port
AS series switches support both PoE and PoE+ that integrate high-speed wireless access point.

| Product Name (Product No.) | Max Power Supply |
|----------------------------|------------------|
| GA-AS4TPoE+ (PN25048) | 62W |
| GA-AS10TPoE+ (PN25108) | 70W |
| GA-AS12TPoE+ (PN25128) | 84W |
| GA-AS16TPoE+ (PN25168) | 112W |
| GA-AS24TPoE+ (PN25248) | 168W |

3. Up to 50°C Operating Temperature

- Supports 50 degree Celsius operating temperature
- Capable of operating in high temperature such as console board, corridor and warehouse
- Fan-less manufacture

4. Pursue Lower Energy-Consumption

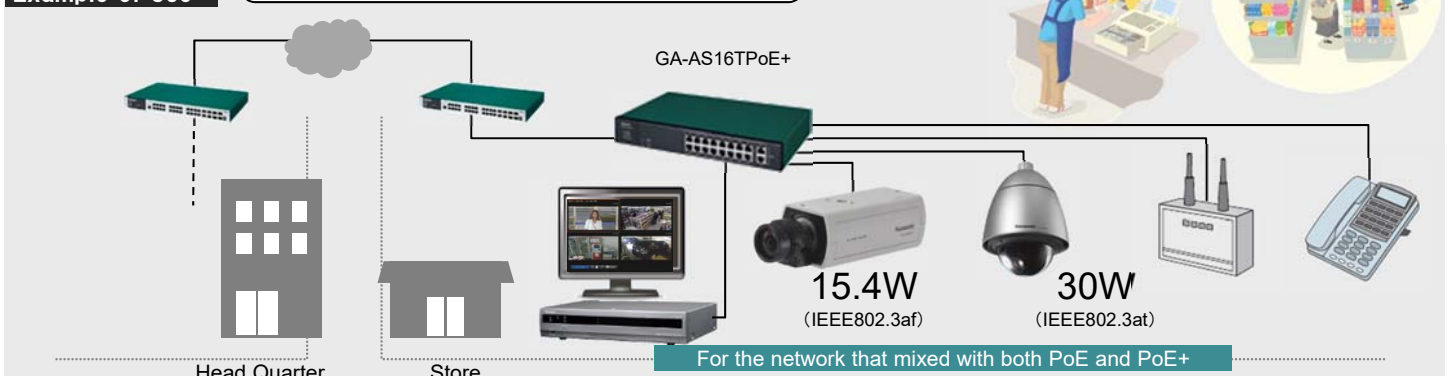
- Automatically turn off power supply during the period of no data activity.
- Supports 802.3az(LPI) that allows for less power consumption during the periods of low data activity.
- Capable of scheduling power supply to end devices.

5. Others

Transmission of Syslog function/ Port Grouping Function/ VLAN / Internet Mansion Function/Link Aggregation /Port Monitoring /QoS/ Panasonic Camera IP address easy setting Function/ ZEQUO assist Plus compatible/ Multicast Group Registration Function

Example of Use

PoE Network of Small store and Office



Specification:

| Product Number | PN25048 | PN25108 | PN25128 | PN25168 | PN25248 | PN25488 |
|---|---|---|---|--|--|---|
| Product Name | GA-AS41TPoE+ | GA-AS10TPoE+ | GA-AS12TPoE+ | GA-AS16TPoE+ | GA-AS24TPoE+ | GA-AS48TPoE+ |
| Interface | | | | | | |
| 10/100BASE-TX | - | - | - | - | - | - |
| 10/100/1000BASE-T | 6 | 12 | 14 | 18 | 26 | 50 |
| 100/1000/10GBASE-T | - | - | - | - | - | - |
| PoE Port | 4 | 10 | 12 | 16 | 24 | 48 |
| SFP Extension Port | - | - | - | - | - | - |
| SFP+ Extension Port | - | - | - | - | - | - |
| Others | - | - | - | - | - | - |
| Auto Negotiation | Yes | Yes | Yes | Yes | Yes | Yes |
| Auto MDI/MDI-X | Yes | Yes | Yes | Yes | Yes | Yes |
| Flow Control | Yes | Yes | Yes | Yes | Yes | Yes |
| Switching Capacity | | | | | | |
| Switching Capacity | 12.0Gbps | 24.0Gbps | 28.0Gbps | 36.0Gbps | 52.0Gbps | 96.0Gbps |
| Forwarding Rate | 8.9Mpps | 17.8Mpps | 20.8Mpps | 28.7Mpps | 38.6Mpps | 74.4Mpps |
| Mac Address Table | 8K / Unit | 8K / Unit | 8K / Unit | 8K / Unit | 8K / Unit | 16K / Unit |
| Packet Buffer | 512K | 512K | 512K | 512K | 512K | 1.5MB |
| Management | | | | | | |
| Configuration Method | WEB, ZEQUO assist Plus | WEB, ZEQUO assist Plus | WEB, ZEQUO assist Plus | WEB, ZEQUO assist Plus | WEB, ZEQUO assist Plus | WEB, ZEQUO assist Plus |
| ZEQUO assist Plus | IP Address Easy Setting | IP Address Easy Setting | IP Address Easy Setting | IP Address Easy Setting | IP Address Easy Setting | IP Address Easy Setting |
| PoE Timer | - | - | - | - | - | - |
| Panasonic IP Address Easy Setting | Yes | Yes | Yes | Yes | Yes | Yes |
| Layer 2 Switch Function | | | | | | |
| VLAN | Tagged VLAN/ Port VLAN | Tagged VLAN/ Port VLAN | Tagged VLAN/ Port VLAN | Tagged VLAN/ Port VLAN | Tagged VLAN/ Port VLAN | Tagged VLAN/ Port VLAN |
| VLAN Number | 256 | 256 | 256 | 256 | 256 | 256 |
| Internet Multicast | Yes | Yes | Yes | Yes | Yes | Yes |
| Port Grouping | Yes | Yes | Yes | Yes | Yes | Yes |
| Spanning Tree | - | - | - | - | - | - |
| Link Aggregation | Yes (Max 3 Groups Max 6 Port) | Yes (Max 6 Groups Max 8 Port) | Yes (Max 7 Groups Max 8 Port) | Yes (Max 8 Groups Max 8 Port) | Yes (Max 8 Groups Max 8 Port) | Yes (Max 16 Groups Max 8 Port) |
| Ring Protocol | - | - | - | - | - | - |
| Port Monitoring | Yes (1:n) | Yes (1:n) | Yes (1:n) | Yes (1:n) | Yes (1:n) | Yes (1:n) |
| Multicast Function | Multicast Group Registration Function | Multicast Group Registration Function | Multicast Group Registration Function | Multicast Group Registration Function | Multicast Group Registration Function | Multicast Group Registration Function |
| QoS | Yes (4 Level) | Yes (4 Level) | Yes (4 Level) | Yes (4 Level) | Yes (4 Level) | Yes (4 Level) |
| Scheduling | Strict Priority Queuing | Strict Priority Queuing | Strict Priority Queuing | Strict Priority Queuing | Strict Priority Queuing | Strict Priority Queuing |
| IEEE802.1X | - | - | - | - | - | - |
| WEB Authentication | - | - | - | - | - | - |
| MAC Authentication | - | - | - | - | - | - |
| EAP Flame Transmission | Yes | Yes | Yes | Yes | Yes | Yes |
| ACL | - | - | - | - | - | - |
| PoE Function | | | | | | |
| Standard | IEEE802.3at, IEEE802.3af | IEEE802.3at, IEEE802.3af | IEEE802.3at, IEEE802.3af | IEEE802.3at, IEEE802.3af | IEEE802.3at, IEEE802.3af | IEEE802.3at, IEEE802.3af |
| Power Supplying Method | Alternative A | Alternative A | Alternative A | Alternative A | Alternative A | Alternative A |
| PoE Port | 4 | 10 | 12 | 16 | 24 | 48 |
| Max Power Supply per Port | 30W | 30W | 30W | 30W | 30W | 30W |
| Max Power Supply Whole Device | 62W | 70W | 84W | 112W | 168W | 336W |
| Loop Guard Feature | | | | | | |
| Loop Guard Function | Yes | Yes | Yes | Yes | Yes | Yes |
| Loop Detect/Block | - | - | - | Yes | Yes | Yes |
| Loop History | - | - | - | Yes | Yes | Yes |
| BPDU Guard | - | - | - | - | - | - |
| Storm Control | Yes | Yes | Yes | Yes | Yes | Yes |
| Rating / Operating Environment | | | | | | |
| Rated Input Capacity | AC100-240V 50/60Hz | AC100-240V 50/60Hz | AC100-240V 50/60Hz | AC100-240V 50/60Hz | AC100-240V 50/60Hz | AC100-240V 50/60Hz |
| Operating Temp. | 0~50°C | 0~50°C | 0~50°C | 0~50°C When using the power supply power at 80 W or more, operating temp. is up to 40 °C. | 0~50°C When using the power supply power at 80 W or more, operating temp. is up to 40 °C. | 0~40°C |
| Operating Humidity | 20 to 80%RH(No Condensing) | 20 to 80%RH(No Condensing) | 20 to 80%RH(No Condensing) | 20 to 80%RH(No Condensing) | 20 to 80%RH(No Condensing) | 20 to 80%RH(No Condensing) |
| Storage Temp. | -20 to 70°C | -20 to 70°C | -20 to 70°C | -20 to 70°C | -20 to 70°C | -20 to 70°C |
| Storage Humidity | 10 to 90%RH(No Condensing) | 10 to 90%RH(No Condensing) | 10 to 90%RH(No Condensing) | 10 to 90%RH(No Condensing) | 10 to 90%RH(No Condensing) | 10 to 90%RH(No Condensing) |
| Fan | - | - | Yes | Yes | Yes | Yes |
| Size | | | | | | |
| External Dimensions | H44 x W210 x D210mm | H44 x W210 x D280mm | H44 x W210 x D280mm | H44 x W330 x D230mm | H44 x W440 x D257mm | H44 x W440 x D386mm |
| Installation Method/ Accessories | | | | | | |
| Accessories | Manual, CD-ROM, Power Cord, Rubber Foot | Manual, CD-ROM, Power Cord, Rubber Foot | Manual, CD-ROM, Power Cord, Rubber Foot | Manual, CD-ROM, Power Cord, Rubber Foot, 19 inch rack mount bracket | Manual, CD-ROM, Power Cord, Rubber Foot, 19 inch rack mount bracket | Manual, CD-ROM, Power Cord, Rubber Foot, 19 inch rack mount bracket |
| Power Cord Fall Prevention | Yes | Yes | Yes | Yes | Yes | Yes |

Size(mm):

