

Switch-S24GPWR (PN25249)

Port side
Lightning Surge Tolerance **10kV**

45°C Capable

Suitable for IP Phone
and Network Camera!

- IEEE802.3af (15.4W/Port)
- All Giga



Max.
Power Supply
124w

Robust Lightning Surge Tolerance



Tolerance of each port is 10kV.

① AC line
**Level X
8kV**

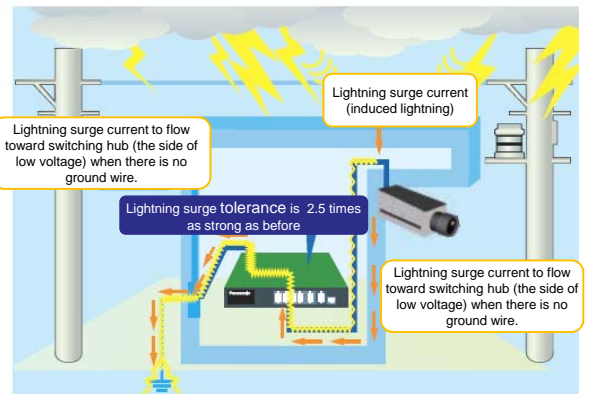
② Each port
**Special
Each port
10kV**

Port side

試験レベル	水準値
Level 4	4kV
Level 3	2kV
Level 2	1kV
Level 1	0.5kV

IEC61000-4-5

SPD (Surge Protector Device) equipped in all port. Bypass the Induced lightning surge through twisted-pair cable to the ground. Because of this technology, lightning surge tolerance has been strengthened by 250% from conventional 4kV to 10kV.

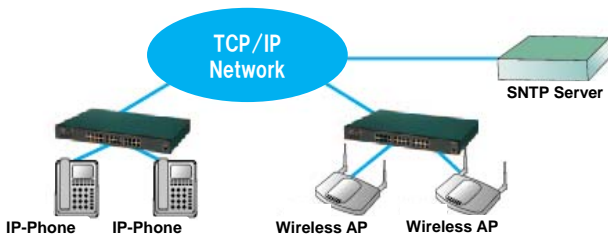


Notice:

- It does not mean that we guarantee the product is immune to malfunction.
- Strongly recommend to install lightning arresters on power unit, port side of switch and port side of power receiving unit.
- Repair fee due to lightning strike will be applicable even though the products is under warranty period.

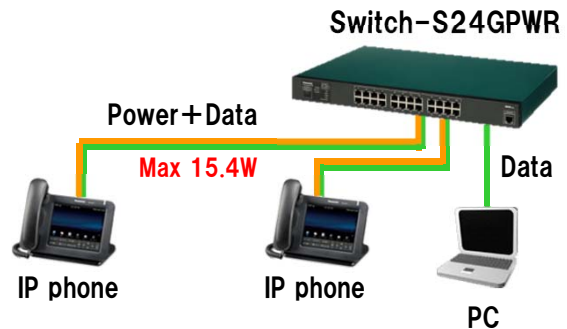
PoE Scheduler Function

PoE scheduler function allows user to define the period of individual port's power supply to connected device. This function also assists on preventing fraud use and power consumption on PoE devices such as IP-phone and wireless AP. User can program (month, week, day, specified day) to automatically turn off and on the power.



Usage Example

It is suitable for the network IP phones and PCs are mixed.



1. All port Gigabit Ethernet Capable

- All ports provides Gigabit Ethernet connectivity.

2. 802.3af Power over Ethernet (PoE)

- PoE support for up to 15.4W per port. Total power budget is 124W and it is suitable for IP phone.

3. Loop Detect/Shutdown & Loop History Function (simple ver.)

- Capable of detecting loop failure even when bridged in multiple switches.
- Automatic port shutdown and front panel LED notification.
- Loop History Function (simple ver.) It provides information with Loop History LED which shows whether loop failure happened in the last three days.

4. Ping support

5. Up to 45°C Operating Temperature

- Supports 45 degree Celsius operating temperature

6. Pursue Lower Energy-Consumption

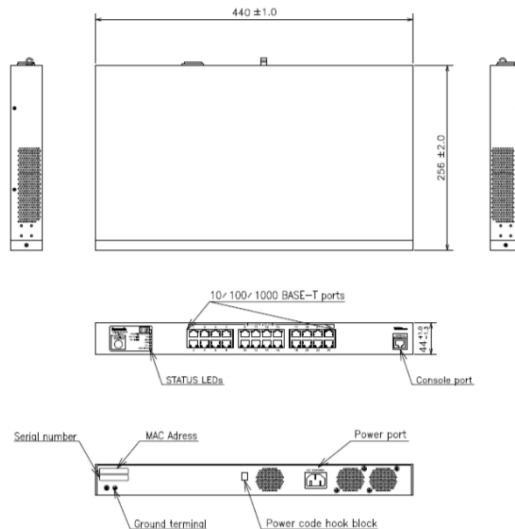
- Automatically turn off port power when the port has been unplugged.
- It also supports 802.3az(LPI) that reduce power consumption during the periods of low data activity.
- PoE Schedule Function Capable of scheduling power supply to end devices.
- Automatically turn off power supply during the period of no date activity.

7. Others

VLAN/ QoS/ Mirroring/ Link Aggregation/ Telnet/ Easy IP setup function

Specification

Product Name	Switch-S24GPWR	
Product Number	PN25249	
Port/Expansion Module Slot	10/100/1000BASE-T * 24 ports	
PoE Port	24 ports (IEEE802.3af)	
Cascade Connection	All UTP ports are MDI/MDI-X	
Switching Method	Store and Forward	
Switching Capacity	48.0Gbps	
Forwarding Rate	1,488,000pps/port (1000Mbps) 148,800pps/port (100Mbps) 14,880pps/ port (10Mbps)	
Auto Negotiation	○ (It is possible to set transmission mode)	
Mac Address Table	8K/Unit	
Paclet Buffer	512KB/Unit	
Loop Prevention	Loop prevention, Loop Detection/Shutdown/History	
Link Aggregation	○	
QoS	IEEE802.1p, Scheduling : PQ/WRR	
VLAN	IEEE802.1Q TagVLAN(256 Groups), Port Security Group Setting Function	
PoE Schedule	○	
Management	Telnet Server, Web Server	
Power Unit	AC100-240V 50/60Hz	
Power Consumption	Max	172W
	Min	18.5W
Max Power Supplying Ability	Per Port	15.4W
	Whole Device	124W
Operating Environment	Temperature : 0°C~45°C, Humidity : 20~80%	
Storage Environment	Temperature : -20°C~70°C, Humidity : 10~90%	
Size (mm)	H44 × W440 × D256	
Accessories	Manual, CD-ROM, Power Code, Rubber Foot, Rack Mount Kit	



Website <http://panasonic.co.jp/es/pesnw/english/index.html>

Panasonic Eco Solution Networks Co., Ltd.

2015.6.2