

Gigabit Ai PoE Switch



Metal Case



Port Isolated



Compatible



Ai PoEdog



Lightning Protection

OX- GPS2824-2GS

24 Ports PoE 10/100/1000M

2*1000M Uplink ports +2*1000M SFP

sales@i-oxion.com - support@i-oxion.com

www.i-oxion.com

Gigabit Ai-PoE Switch 24GE PoE+2GE+2GE SFP Uplink



OX-GPS2824-2GS - is 24*10/100/1000M+2*10/100/1000M+2SFP Uplink unmanaged PoE switch independently developed by OXION, which can automatically detect the compliance with IEEE802.3af/at | PoE +| HiPoE standard power receiving equipment and power supply, new integrated hipoe and poedog function, solve the power supply problem of high-power outdoor ball machine, high-power wireless AP and other high-power equipment, pogdog function will realize the automatic repair of PD end equipment when it accidentally crashes, solve the time-consuming and labor-consuming problem of human operation, and realize intelligent unattended..

Port Performance

- Provide 24*10 / 100 / 1000m PoE RJ45 adaptive ports, all of which can realize line speed forwarding.
- Provide 2 gigabit RJ45 and 2 gigabit SFP uplink ports for high-speed uplink transmission.
- Each port supports MDI / mdix auto flip and duplex / rate self-negotiation.
- Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.

PoE Power Supply Function

- According to IEEE 802.3af/at PoE power supply standard, the maximum PoE output power of the whole machine is 400W, single port for the maximum PoE output power is 30W(First port can be max 60W)
- Automatic identification of PoE equipment for power supply without damaging non PoE equipment

Three working modes

- N -- standard switching mode: all ports communicate freely, suitable for common data transmission environment.
- V - port isolation mode: the downlink ports are isolated from each other, which is suitable for the use scenarios of connecting wireless AP, suppressing network storm and improving network performance.
- C -- flow control mode: port flow balance control, prevent big data flow packet loss, ensure the efficient and stable operation of user network.

The equipment is stable and reliable

- OXION independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

Easy to use

- Plug and play.
- Dynamic LED indicator provides simple working status prompt and troubleshooting.

Complete set of accessories

- By default, the switch is equipped with an AC power cord
- User Manual
- Optional rack lug



Gigabit Ai-PoE Switch 24GE PoE+2GE+2GE SFP Uplink



Model	OX-GPS2824-2GS
Product	Gigabit Uplink 24+2 PoE Switch
Fixed Port	24*10/100Base-TX PoE port (Data/Power) 2*10/100/1000Base-TX uplink RJ45 port (Data) 2*1000M SFP
PoE Ports	1-24 port supports PoE(optional first port outputs HiPoE_90W)
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE802.3ab1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X IEEE 802.3af/at
PoE Standard	IEEE802.3af/at
Port Specification	10/100/1000BaseT (X) Auto
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	12.8Gbps
Packet Forwarding	9.21Mpps
MAC Address	8K
Buffer	4.1M
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter) 1000BASE-SX:62.5μm/50μm MMF(2m~550m) 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Power Pin	Default 1/2(+), 3/6(-) ; Optional order 4/5(+), 7/8(-)
Single port power	Average 15.4W ; MAX 30W
Total power/Input voltage	250Watts (AC100-240V 50/60HZ)
Watt	Standby Power Consumption : ≤10W ;

LED Indicator	PWR:Power LED PMX:Over-power LED(optional) Port: (Orange=PoE LED+Green=Link LED) Uplink:(Link LED=10/100M Link、 1000M=Gigabit Link)
Power Input	Built-in power AC: 100~240V 50-60Hz 1A
Operating Temperature/Humidity	-10 ~ +55°C ; 5% ~ 90% RH Non coagulation
Storage Temperature/Humidity	-40 ~ +75°C ; 5% ~ 95% RH Non coagulation
Product size/Packing size (L*W*H)	440mm*200mm*45mm 513mm*300mm*95mm
N.W/G.W (kg)	3.1kg/3.9kg
Installation	Rack-mount(optional machine hanger spare parts)
Lightning protection level	3KV 8/20us ; IP30
Certificate	CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;

Application

