

# Gigabit Ai PoE Switch



Metal Case



Port Isolated



Compatible



Ai PoEdog



Lightning Protection

## OX-GPS2016-2GS

16 Ports PoE 10/100/1000M

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

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## Gigabit Ai-PoE Switch 16GE PoE+2GE+2GE SFP Uplink



**OX-GPS2016-2GS** - is a full gigabit enterprise level high performance non network management PoE switch independently developed by OXION. Ports 1-16 support PoE power supply of IEEE 802.3af/at standard. As PoE power supply equipment, it can automatically detect and identify the power receiving equipment that meets the standard and supply power to it through network cable. It is suitable for hotels, campuses, dormitories and enterprises to set up an economical and efficient PoE network.

### Port Performance

- Provide 16\*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 300W, 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

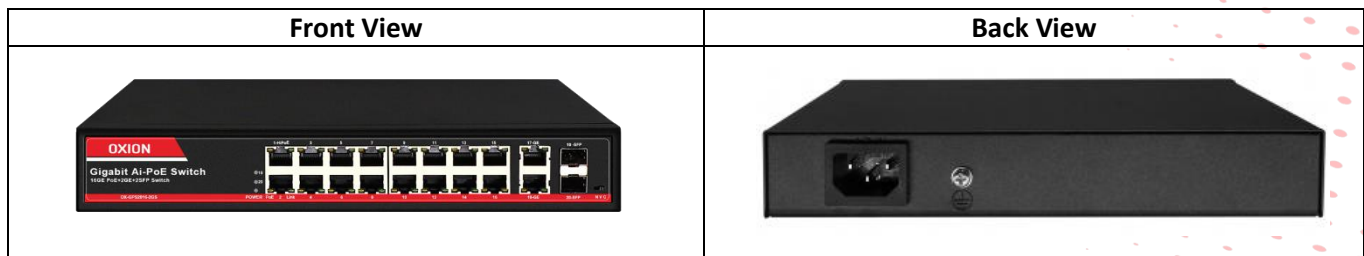
- OXION independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

## Easy to use

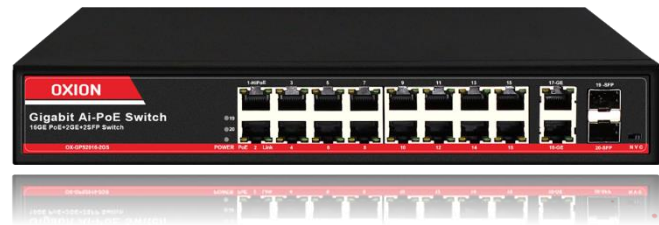
- Plug and play.
- Dynamic LED indicator provides simple working status prompt and troubleshooting.

## Complete set of accessories

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



## Gigabit Ai-PoE Switch 16GE PoE+2GE+2GE SFP Uplink



<b>Model</b>	<b>OX-GPS2016-2GS</b>
<b>Product</b>	<b>16+2 Full Gigabit PoE Switch</b>
Fixed Port	16*10/100/1000Base-TX PoE port ( Data/Power ) 2*10/100/1000Base-TX uplink RJ45 port(Data) 2*1000M SFP
PoE Ports	1-16 port supports PoE(optional first port outputs HiPoE_90W)
Function	N:(Standard normal) V:(Port isolation) P:(Flow Control mode)
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-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	56Gbps
Packet Forwarding	40.32Mpps
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 oder 4/5(+), 7/8(-)
Single port power	Average 15.4W ; MAX 30W
Total power/Input voltage	MAX 300W ( AC100-240V 50/60HZ )

Watt	Standby Power Consumption : ≤20W ;
LED Indicator	POWER:Power LED(optional over-power LED) 19 20:(SFP LED) Uplink:(Link LED=10/100M Link、 1000M=Gigabit Link) Port:(Orange=PoE LED+Green=Link LED)
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 )	295mm*195mm*45mm 410mm*275mm*95mm
N.W/G.W ( kg )	1.7kg/2.4kg
Installation	Rack-mount (optional machine hanger spare parts)
Lighting protection level	3KV 8/20us ; IP30
Certificate	CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;

## Application

