OXION
SIMPLIFY YOUR BUSINESS NETWORK

Ai PoE Switch

4FE PoE+2FE Long-Range PoE Switch

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OX-NPS206-2G

1-HPoE 2 3 4 5-UP 6-UP

Metal Case   **Port Isolated**   **Compatible**   **Ai Watchdog**   **Lightnig Protection**

OX-NPS5206-2G
4FE PoE + 2FE Uplink
250M Long Range PoE Switch With 5Port PoE

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Ai-PoE Switch
4FE PoE+2FE Ethernet Uplink

OX-NPS5206-2G is 4*10/100+2FE 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 Performanace

- Provide 4*10 / 100 PoE RJ45 adaptive ports, all of which can realize line speed forwarding.
- Provide 2* 10/100 fast Ethernet 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.

Special Function

- Hipoe: the first port outputs 60W to solve the power supply problem of high-power PD. It can connect large ball machine, wireless AP or intelligent door lock and other high-power PoE devices.
- Poedog: when PoE is started, it detects the status of PoE electrical equipment in real time; when the equipment side is abnormal, the switch actively sets the port and restores PoE power supply to realize unattended.

PoE Power Supply Function

- According to IEEE 802.3af/at PoE power supply standard, the maximum PoE output power of the whole machine is 65W, 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.
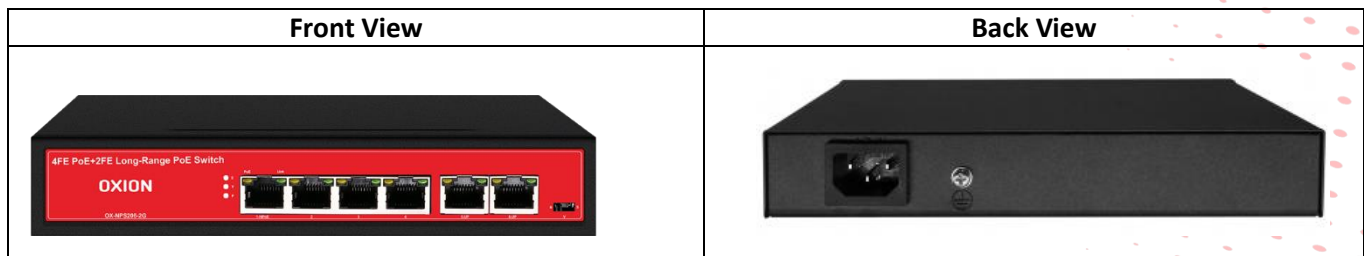
The equipment is stable and reliable

- 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.

Compleate set of accessories

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

Front View	Back View

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Model	OX-NPS5206-2G
Product	**4Port Fast Ethernet PoE Switch**
Fixed Port	4*10/100Base-TX PoE port（Data/Power） 2*10/100Base-TX uplink RJ45 port(Data)
PoE Ports	1-4 port supports PoE(first port outputs HiPoE_60W)
Function	N:(Standard normal) V:(Port isolation) S:(Ultral-far mode)（specific port refers to user manual） Ai version:PoE auto execution、detection and resets fault device, when PoE is on.
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x IEEE 802.3af/at/PoE++ HiPoE
PoE Standard	IEEE802.3af/at/PoE++/HiPoE
Port Specification	10/100BaseT（X）Auto
Transmission Mode	Store and Forward(full wirespeed)
Bandwidth	1.6Gbps
Packet Forwarding	1.15Mpps
MAC Address	1K
Buffer	768K
Transmission Distance	10BASE-T ： Cat3,4,5 UTP(≤250 meter) 100BASE-TX ： Cat5 or later UTP(150 meter)
Power Pin	Default 1/2(+)，3/6(-)；Optional order 4/5(+)，7/8(-)
Single port power	15.4W/30W (first port MAX 60W)
Total power/Input voltage	MAX 65W （AC100-240V）
Watt	Standby Power Consumption：＜3W； Full-load Power Consumption：＜65W

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LED indicator	P:Power LED（Over-power LED） Uplink:（Link LED=10/100M Link） Port:（Orange=PoE LED+Green=Link LED） V:(Port Isolation LED) S:(Ultral-far Mode 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）	190mm*130mm*35mm 305mm*205mm*55mm
N.W/G.W（kg）	0.6kg/0.9kg
Installation	Desktop (optional wall hanger parts)
Lightning protection level	3KV 8/20us； IP30
Certificate	CE mark, commercial；CE/LVD EN60950； FCC Part 15 Class B；RoHS；

Aplication

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