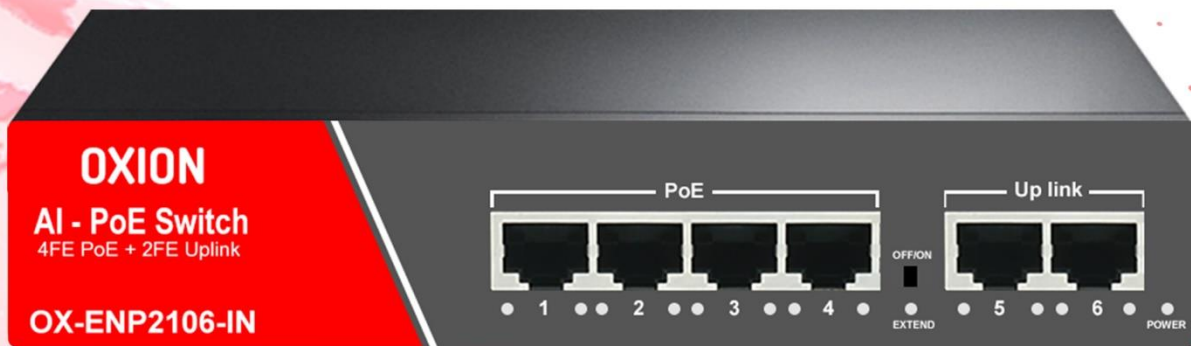


### Lite Series Ai PoE Switch

## OX-ENP2106-IN

4FE PoE + 2FE Uplink



Metal Case



self negotiation



Compatible



Ai Watchdog



Lightnig Protection

[sales@i-oxion.com](mailto:sales@i-oxion.com) - [support@i-oxion.com](mailto:support@i-oxion.com)

[www.i-oxion.com](http://www.i-oxion.com)

## Lite series Ai-PoE Switch



**OXION OX-ENP2106-IN** PoE switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. It can be used for any 10/100Mbps link and supply industry-standard IEEE 802.3af /at power. Advanced auto-sensing algorithm gives power to 802.3af end devices, In addition, the PoE switch automatically determines PoE requirements, speed, duplex, and cable type using Auto Uplink. Easy to operate and reliable.

The PoE switch is ideal for powering PoE devices such as IP cameras, WLAN access point, IP phones, office access control systems, and other PD devices and offers a line of high-quality products that provide a total solution for Ethernet application in different environments

### Port Performance

- Provide 4\*10/100 PoE RJ45 adaptive ports, all of which can realize line speed forwarding.
- Provide 1\*10/100 RJ45 uplink ports for 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.

### The equipment is stable and reliable

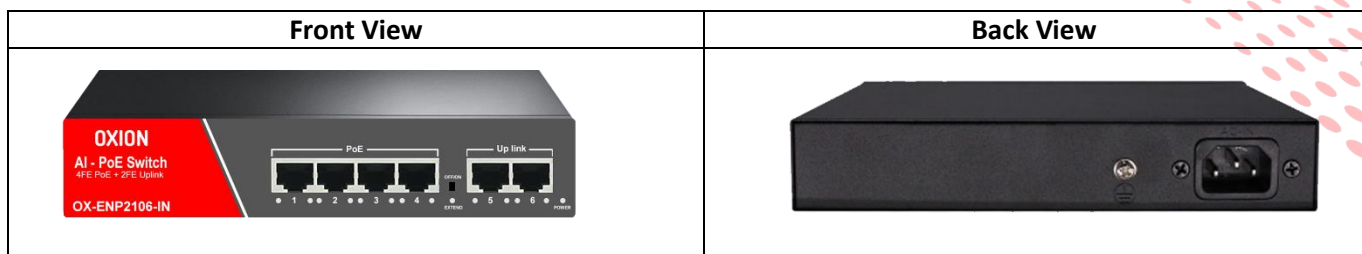
- OXION independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

### 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



## Lite series Ai-PoE Switch



- ◆4\*10/100mbps POE port, 2\*10/100mbps UP-Link port
- ◆100m Transmission Distance,250m after use extend function
- ◆Support the Watchdog function
- ◆Whole Power:65W(52V 1.25A)
- ◆ All port supported by MDI/MDIX auto flip and self-negotiation
- ◆Supply 4pcs 10/100Mbps adaptive high speed forwarding data packet non-lost port.
- ◆Add high level lightning protection device, up to 6000V.
- ◆ Each port max. power supply reached 30W.
- ◆Low heat design, safe and reliable, high stability

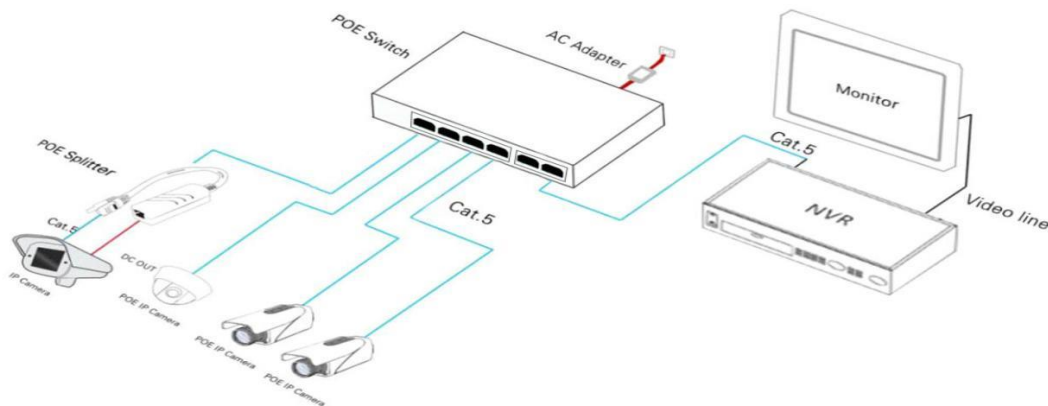
Application: 2 Wireless Access Points IP Camera

### Technical Specification

Product Name	<b>4 Port 10/100M POE Switch(4+2)</b>
Product Model	<b>OX-ENP2106-IN</b>
Data Pin	1/2+,3/6-
Power Supply Type	Build in, 1/2+,3/6
PoE Output Power	30W
Connector	4*10/100mbps POE port,2*10/100mbps uplink port
Network Medium	Cat5 (UTP) or more
<b>Technology</b>	
Network Standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
PoE power	30W per port(IEEE802.3af/at). Wiring: Data & power provided over pairs 1/2 and 3/6
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table Size	2K MAC address entry
Buffer memory	48Kb embedded memory per unit
Backboard Bandwidth	1 .2G
Network Latency	Less than 20us for 64 byte frames in store-and-forward mode for 100Mbps to 100Mbps transmission
<b>Power</b>	
Input	AC 110V-240V
PoE power consumption	30W per port(IEEE802.3af/at)

Overload current protection	Present
<b>Mechanical</b>	
Casing	Metal
Installation	Desktop
<b>Interface</b>	
LED Indicators	System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error
<b>Environment specification</b>	
Operating temperature	-10-55°C (32-104°F)
Storage temperature	-40-70°C (14-158°F)
Operating humidity	90% maximum relative humidity, non-condensing
Storage humidity	95% maximum relative humidity, non-condensing
<b>Regulatory Approval</b>	
ISO	Manufactured in ISO9001 facility
Safety	CE/CCC
Warranty	2 years
Dimensions	202*140*45mm(L*W*H)
Weight	0.88Kg

## Application



### Extra Features:

- ◆ Manual reset changed to automatic reset , No power cuts are needed to change network speeds.
- ◆ Low-voltage detection, step by step to rise, give buffer, prevent burning equipment