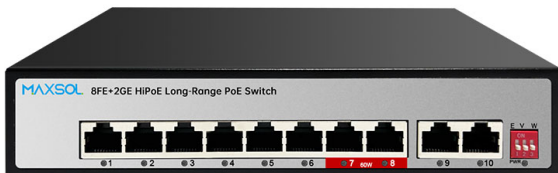


## NETWORK SWITCH

# 8-Port Hi-PoE Switch with 2 Gigabit Uplinks

Model PS1802GE



High-power 8-Port PoE switch with 2GE uplinks and 120W budget. Features AI Watchdog and 300m range for reliable IP surveillance. Ideal for network projects.

## Features

- 8FE+2GE Uplink HiPoE 300M Long Range PoE Switch
- Port 7-8 supports Hi-PoE power up to 60W fit IEEE 802.3bt compliant PDs
- Support VLAN
- Supports smart watchdog function to monitor compliant PD
- Port 1-6 supports PoE 30W fit IEEE 802.3af/at compliant PDs
- Internal power adapter supply 120W (included)

## Interfaces

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| Model                 | PS1802GE                                                                                    |
| Fixed Port            | 8*10/100Base-T/TX PoE ports (Data/Power)<br>2*10/100/1000Base-T/TX Uplink RJ45 ports (Data) |
| Network Protocol      | IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;<br>IEEE802.3u 100Base-TX;<br>IEEE802.3x.           |
| Ethernet Port Feature | 10/100Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive                    |
| Fiber Port Feature    | Store and Forward                                                                           |

## PoE

|          |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PoE Port | Port 1-8 support PoE                                                                                                                                                                                                                                                                                                                                                                                                      |
| Feature  | With the Dial code switch, support port priority by default.<br>E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters;<br>V: Turn on, 1-8 Port support each port Isolation & VLAN;<br>W: Turn on, 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale. |

## Switch Property

|                              |                                                                           |
|------------------------------|---------------------------------------------------------------------------|
| Switching Capacity           | 5.6Gbps                                                                   |
| Forwarding Mode              | 4.17Mpps                                                                  |
| MAC address table            | 4K                                                                        |
| Buffer Memory                | 1.25M                                                                     |
| Twisted Pair Transmission    | 10BASE-T:Cat5 UTP(≤300 meter)<br>100BASE-TX:Cat5 or later UTP(≤100 meter) |
| Power Supply Pin             | Default 1/2(+), 3/6(-)                                                    |
| MAX / AVERAGE Power Per Port | Port 1-8 30W/15.4W, Port 7-8 60W/15.4W                                    |
| Total PWR / Input Voltage    | 120W                                                                      |
| Power Consumption            | Standby: < 4W<br>Full load: < 120W                                        |

## Physical Characteristics

|                           |                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| LED Indicator             | Power indicator: PWR (Green);<br>Network indicator: 1-8(Link/Act)/ (Green), 9-10(Link/Act)/ (Green),                                         |
| Power Supply              | Build-in power adaptor AC100~240V 50-60Hz, 120W                                                                                              |
| Operation TEMP / Humidity | -20~+55°C; 5%~90% RH non condensing                                                                                                          |
| Storage TEMP / Humidity   | -40~+75°C; 5%~95% RH non condensing                                                                                                          |
| Dimension                 | 195*130*40mm                                                                                                                                 |
| Net /Gross Weight         | Net: < 1kg<br>Gross: < 1.2kg                                                                                                                 |
| Installation Method       | desktop type, wall mounted                                                                                                                   |
| Protection                | IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge<br>IEC61000-4-5(Lightning protection/Surge): Power: CM±4kV/DM±2kV; Port: ±4kV |
| Protection Level          | IP30                                                                                                                                         |

## Certification

|               |               |
|---------------|---------------|
| Certification | CE, FCC, RoHS |
|---------------|---------------|

## Package Contents

|                          |       |
|--------------------------|-------|
| Switch                   | 1 pcs |
| Power cord               | 1 pcs |
| Quick installation guide | 1 pcs |



## Contact us

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