

## 8 Ports Gigabit PoE+ Switch



### OVERVIEW

EION's 8 Ports Gigabit PoE+ Switch has Gigabit up-link ports and Gigabit PoE ports. It is designed with desktop metal case, easy to make the transition to Gigabit Ethernet to wireless AP, IP camera, IP phone and other Gigabit IEEE 802.3af/at standard PD equipment. All 8 Ports support auto-negotiation, auto MDI/MDIX and standard IEEE 802.3af/at POE, simply plug and play. With the innovative energy-efficient technology, users can choose the PoE switch according power consumption, making it an eco-friendly solution for home/business networking.

### FEATURES

- 8x10/100/1000Mbps PoE Ports, 2x10/100/1000Mbps Up-Link Port
- 8 PoE ports, comply with IEEE802.3af/at PD equipment
- Support PoE power up to 30W for IEEE802.3at PD equipment, up to 15W for IEEE 802.3af PD equipment
- Port priority: if all PoE PD equipment power consumption become overloaded, a priority will be arranged among the PoE ports, then the system will cut off the power of the lowest-priority port.
- With VLAN button, support port isolation.

### ORDERING INFORMATION

<b>EW-0802PS-120W</b>	<b>8 Ports Gigabit PoE+ Switch</b>
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## SPECIFICATIONS

<b>Standard</b>	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX faster Ethernet IEEE802.3ab 1000BASE-T gigabit Ethernet ANSI/IEEE 802.3 NWay Auto-Negotiation IEEE802.3 af IEEE802.3at
<b>Ports</b>	8 x 10/100/1000M auto Negotiation /auto MDI/MDIX PoE Ports
	2 x 10/100/1000M auto Negotiation /auto MDI/MDIX up-link Port
	1 x VLAN switch
<b>Cable requirement</b>	10BASE-T: UTP 3, 4, 5 cable ( $\leq 100$ meters)
	100BASE-TX: UTP 5 cable ( $\leq 100$ meters)
	1000BASE-TX: UTP 5 cable ( $\leq 100$ meters)
<b>IEEE802.3 af</b>	Supports 15.4W
<b>IEEE802.3at</b>	Supports 30W
<b>POE</b>	120W, AC 100 V~240 V 50/60 HZ; up to 30W for PoE port
<b>PoE Standard</b>	IEEE 802.3, 802.3u, 802.3x, 802.3af, 802.3at
<b>Advanced Functions</b>	Comply with IEEE 802.3at/af PDs
	Port Priority Function
	Support storage forwarding
	MAC Address Auto-Learning and Auto-Aging.
	IEEE802.3X Flow Control for Full-Duplex Mode and Backpressure for Half-Duplex Mode
<b>Backplane Bandwidth</b>	20Gbps
<b>MAC Address Table</b>	2K
<b>Forwarding Rate</b>	10BASE-T: 14800pps/port
	100BASE-TX: 148000pps/port
	1000BASE-TX: 1480000pps/port