



- \* 8-port 10/100M PSE Ports + 2-Port Gigabit Uplink (1\*TP,1\*SFP)
- \* IEEE 802.3at PoE+, up to 30W per port
- \* Web-based Configuration and Management
- \* VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, Bandwidth Control, Broadcast Storm Control
- \* Max. 130W power consumption
- \* 11" Metal Case

## 8-Port 10M/100M + 2-Port Giga uplink (1\*TP+1\*SFP) Desktop Web Smart PoE Switch

### Introduction

PS-58111L is 8-port 10M/100M + 2 port Giga uplink (1\*TP+1\*SFP) Desktop Web Smart PoE Switch, the switch supports IEEE 802.3at Power over Ethernet standard, maximum 130W power consumption per system and no special network cable required for your PD devices. The switch also provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, LACP, Port Security...etc. The switch is designed for small or medium network environment to strengthen its network connection. This product is compact 11" size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits or underneath a desk.

### IEEE 802.3at Power over Ethernet (PoE) ports

PS-58111L features 8 IEEE 802.3at Power over Ethernet (PoE) ports supplying up to 30 watts per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding PS-58111L to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

### No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat-5 Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

### Exceptionally Smart

PS-58111L 8-port PoE + 2 port Giga uplink (1\*TP+1\*SFP) Desktop Web Smart PoE Switch features management interface that can be managed through Web Browser and provides Smart features that are ideal for simple network applications and basic monitoring tools to improve network efficiency. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data, RSTP/Loop Protection to avoid network loop, link aggregation to create fat traffic pipelines, bandwidth control to limit traffic load and Port Security to secure your network. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

### Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

### Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps, 100Mbps or 1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

### Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every 100Mbps port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode, Gigabit port supports up to 2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

## Technical Specifications

<b>Standards</b>	<p>IEEE 802.3 10BaseT          IEEE 802.3u 100BaseTX          IEEE 802.ab 1000BaseT          IEEE 802.3z 1000BaseSX/LX          IEEE 802.3x Flow Control          IEEE 802.3ad Link Aggregation Control Protocol          IEEE 802.1Q VLAN          IEEE 802.1p Class of Service          IEEE 802.1D Spanning Tree Protocol          IEEE 802.1w Rapid Spanning Tree Protocol          IEEE 802.3at Power Over Ethernet (PoE+)</p>
<b>Features</b>	<p>Number of Ports: 10          Fast Ethernet: 8-port 10/100 Base-TX, IEEE 802.3at PSE          Gigabit Ethernet: 1-port 10/100/1000 Base-T, 1-port Gigabit SFP          MAC Address: 4K          Buffer Memory: 2.75M bits          Transmission Method: Store and Forward</p>
<b>Smart Features</b>	<p>Port Based VLAN: 10          Tagged Based VLAN: 32, VID = 1~4094          STP/RSTP          IGMP Snooping V1&amp;V2          Link Aggregation: 1, Gigabit ports          Quality of Service(QoS): High &amp; Low priority queues, 802.1p          Security: Port &amp; MAC binding, 3 MAC per port          Port: Port State, Speed/Duplex, Flow Control Configuration          Port Mirroring          Bandwidth Control          Broadcast Storm Control          PoE Control: PoE Port Enable/Disable, PoE Status          Management: Web Management, password protection          Configuration backup/restore, Firmware upgrade</p>
<b>Filtering/Forwarding Rates</b>	<p>10Mbps port - 14,880pps          100Mbps port - 148,800pps          1000Mbps port - 1,488,000pps</p>
<b>Transmission Media</b>	<p>10BaseT Cat. 3, 4, 5 UTP/STP          100BaseTX Cat. 5 UTP/STP          1000BaseT Cat. 5/5E,6 UTP/STP</p>
<b>Led Indicators</b>	<p>Per Port: Link/Act, PoE Act/Status          Per Unit: Power</p>
<b>Power Input</b>	100~240V/AC, 50~60Hz
<b>Power Output</b>	802.3at compliant, 30W Max. per Port
<b>Power Consumption</b>	130W (Max.)
<b>Operating Temperature</b>	0 to 45°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Dimensions</b>	44 × 266 × 160 mm (H x W x D)
<b>Weight</b>	1.8 kg
<b>Certifications</b>	FCC Class B, CE