SEC-ON SPS-7882IL

* 8-port 10/100M PSE/PoE+ Ports
  (PoE ON/OFF Function)
  and 2 Combo Gigabit UTP port/SFP open slot
* Web-based Configuration and Management
* 19” Metal Case
* Rack-Mount to 19” Cabinet
* Auto-MDI/MDI-X
* Auto-Negotiation
* Non-Blocking
* Internal Power Supply

8-port 10M/100M Desktop PoE Web Smart Fast Ethernet Switch

Introduction

PS-7882IL is 8-port 10M/100M PoE+ ports and 2 Combo Gigabit UTP/SFP open slot Desktop PoE Web Smart Fast Ethernet Switch that is designed for small or medium network environment to strengthen its network connection. This product is compact in 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-7882IL features 8-port PoE+ IEEE 802.3at 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-7882IL 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/Cat.5e Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Exceptionally Smart

PS-7882IL PoE+ Web Smart Fast Ethernet Switch features management ports that can be managed through Web Browser and provides Smart features that are ideal for simple QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features such as bandwidth control, and VLAN to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. 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 or 100Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

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

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control IEEE 802.3ad Trunk (Link Aggregation) IEEE 802.3af Power Over Ethernet (PoE) IEEE 802.1q VLAN (Port Based and Tag Based) IEEE 802.1p Class of Service, Priority Protocols IEEE 802.1x IEEE 802.1d Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol
Features	Number of Ports: 8 PSE/Power over Ethernet Ports MAC Address: 4K Buffer Memory: 1.625M bits Transmission Method: Store and Forward
Smart Features	Port VLAN: 8 Tagged VLAN: 4094 Trunk Groups : 2 (1~4 port for each group) Quality of Service: up to 4 queues PoE function ON/OFF Remote Control STP/RSTP (Spanning Tree Protocol and Rapid Spanning Tree Protocol) MAC Filtering IGMP Snooping Management: Broadcast Strom Control, Bandwidth Control, Port Mirroring, Password-protected Access, Port Settings, Web-base Management, Graphic User Interface…etc.
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
Led Indicators	Per Port: Link/Act, PoE Act/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC Per Port Output – 15.4 W Max Per Port 8 Ports at Full 15.4 W Output Supported per port
Power Consumption	130 / 260 Watts (Max)
Dimensions	44 × 440 × 220 mm (Hx W x D)
Weight	3.0 kg