

16-port 10M/100M Desktop PoE Fast Ethernet Switch With 8 PoE Ports

PS-7616IL

PS-7616IL is 16-port 10M/100M Rack-mount PoE Web Smart Fast Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size fits into your rack environment.

IEEE 802.3af Power over Ethernet (PoE) ports

PS-7616IL features 16 IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 watts per port. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding PS-7616IL 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-7616IW 16-port 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.

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.



* 16 PSE/Power over Ethernet Ports
(PoE ON/OFF Function)

* Web-based Configuration and
Management

* 19" Industrial Size

* Auto-MDI/MDI-X

* Auto-Negotiation

* Non-Blocking

* Internal Power Supply

PS-7616IL

Performance:

Number of Ports: 16 PSE/Power over Ethernet Ports
MAC Address: 4K
Buffer Memory: 1.625 Mb
Transmission Method: Store and Forward

Mechanical:

LED Indicator

Per Port: Link / Act, PoE
Per Unit: Power

Power Supply

100~240V/AC, 50~60Hz

Power Output

48V/DC Per Port Output – 15.4 W Max
Per Port 16 Ports at Full 15.4 W Output Supported

Power Budget

260 watts

Product Dimensions

440 × 220 × 44mm (D × W × H)

Environmental Specification:

Operating Temperature

0 to 45 °C

Storage Temperature

-20 to 90 °C

Humidity

10 to 90% RH (non-condensing)

Port Management:

Broadcast Storm Control
Bandwidth Control
Port Mirroring
Password-protected Access
Port Settings
Web-base Management
Graphic User Interface
QoS Setting
MAC Filtering
IGMP Snooping

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 Port Security
IEEE 802.1d Spanning Tree Protocol
IEEE 802.1w Rapid Spanning Tree Protocol

VLAN Setting:

Port VLAN: 16
VLAN ID: 1~4094

Trunk Groups:

2 groups (1~4 port for each group)

RSTP / STP

Spanning Tree Protocol and Rapid Spanning Tree Protocol

N.W / G.W

3.1 kg / 3.8 kg

Certification

FCC Class A, CE
