



16-Port VLAN/PoE Managed Switch



Overview

IntraLAN PSS-16 PoE Switches come equipped with (16) 10/100BASE-TX Fast Ethernet ports, all of which support 802.3 Power Over Ethernet (PoE), and two 10/100/1000BASE-T ports for Gigabit Uplink, advanced VLAN and CoS, QoS functionality.

The PSS-16 is a valuable solution for any size businesses deploying wireless networks, VoIP, enhanced security, and increasing multimedia applications.

This all-in-one solution provides smart management features and Power Over Ethernet to supply power injection into 802.3 compliant devices such as IP phones, wireless access points, and IP cameras. The PSS-16 supports the IntraLAN PoE Adapter product line to provide an evolution in network design that includes power to non-standard PoE devices – up to 55 watts*. The PSS-16 coupled with the PoE Adapters can provide extreme power and advanced management functions to non-networked devices.

Through the Web Smart interface, an administrator can easily facilitate network troubleshooting remotely without going to where the actual attached device is located. The auto features of this switch make installation plug & play and negotiation hassle-free. It also features diagnostic link, speed, power, and activity LEDs for quick problem detection.

Extreme Power, Data and Network Management.

The IntraLAN 16-Port Power Series Switches (PSS-8) offer an innovative package of leading edge PoE based power configurations coupled with high end network and data management functionality. Every model of the Power Series delivers the maximum power on each port with the 802.3at/ultra delivering an impressive 60 watts of power to each port.

The PSS-16 supports the 802.3af and 802.3at standards and can be used in conjunction with the IntraLAN PoE Adapter Series to convert the power to any format for any device connected to the network.

With up to 60 W of power, the 802.3at/ultra can be used to remotely power high demand switches, computers or remote displays.

Available in 802.3af, 802.3at and 802.3at/ultra.

The IntraLAN 16-Port Managed Switches have (16) 10/100BASE-TX ports and are available in the following PoE standards:

- **802.3af PoE** – provides up to 15.4 W of power concurrently to each port
- **802.3at PoE** – provides up to 25.5 W of power concurrently to each port
- **802.3at/ultra PoE** – provides 55 W of power concurrently to each port

16-Port VLAN/PoE Managed Switch with GB Uplink

- (16) 10/100Mbps auto-negotiation ethernet ports
- (2) Gbps auto-negotiate uplink ethernet ports
- (16) 802.3af, at, at/ultra Power over Ethernet*
- Full 15.4, 25.5 or 55 Watts* on all 16 ports
- Store-and-Forward switching for rapid rate adaptation and data integrity
- Standard 19" Rack-mount
- Extensive Web Management Interface for easy access to all functions:
 - Per Port Speed/Disable, Flow Control, QoS.
 - Port and Tag Based VLAN
 - Tag Management Functions to Include Add/Remove/Modify Tags
 - PoE enable, manage and port status
- Support IntraLAN PoE Adapter Series

The PSS-16 provides VLAN, QoS, and CoS features that are required for today's multimedia applications.

Through a Web-based interface, an administrator can set up 802.1Q VLANs to isolate traffic, 802.1P QoS to prioritize mission-critical data such as voice or video packets, and port-based trunk groups to create wide traffic pipelines. It also provides network monitoring and diagnostic tools such as port mirroring.



* Model specific features

16-Port PoE 10/100Mbps with 2 Gigabit Uplink Web Smart Ethernet Switch

- 10/100Mbps Auto-negotiation Ethernet Specification
- 16-port PoE function. Standard IEEE 802.3, 802.3u, 802.3ab, 802.3x
- Supports PoE power up to 55W per PoE port*. IEEE 802.3af, at, at/ultra
- Supports PoE full power to all PoE ports – 16 x RJ45 ports
- Store-and-Forward switching to support rate adaptation and ensure data integrity.
- Supports Port-setting for Speed/Disable, Flow control, QoS, VLAN and Spanning.
- Easy configuration via WEB Browser. LED Link/Active, Speed, POE
- Advanced Web Management Utility.
- Standard 19" Rack-mount size

Fast Ethernet: 200Mbps (Full-duplex)
 Gigabit Ethernet: 2000Mbps(Full-duplex)
 MAC Address: 4K MAC address table
 Memory Buffer: ~3Mbits per device
 Management: Web based
 Power Supply: 100 - 240VAC 50/60Hz

PoE Port: 15.4, 25.5 and 55 watts per PoE port (4-pairs)
 Casing: Metal case
 Dimensions: 440mm(W) x 305mm(H) x 44mm(D)

Environmental

Operating Temp.: 0 - 40°C (32 - 104°F)
 Operating Humidity: 5% - 95%, Non-Condensing
 Storage Temp.: -20 - 70°C (-4 - 158°F)
 Certification: FCC Class A, EN55022 Class A
 Safety: EN 60950

INTRALAN FAMILY OF PoE SWITCHES

ports/power	AF	AT	Ultra
8 port (PSE-8) desktop	IPNA08		
8 port (PSS-8) rack mount	IPNF08	IPNT08	IPNU08
16 port (PSS-16) rack mount	IPNF16	IPNT16	IPNU16
24 port (PSS-24) rack mount	IPNF24		



PSS-16 Switch Specifications



About Panoptic Corporation

Panoptic Technology's focus is to develop and enhance technologies to meet the ever increasing demands of business both today and in the future. Panoptic Technology optimizes technology migration by developing solutions that maximize performance while minimizing startup or investment costs.

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