



SPS-27164VM

- 16-Port 10/100/1000BaseT(X) PoE+ with 4 Combo SFP Open Slots
- IEEE 802.3at, up to 30W per port
- 19" Rack -Mount Metal Case
- Offers Web -based Configuration and Management
- Powerful L2 features
- Support 9.6KB Jumbo Frame

16-port 10/100 /1000 M PoE + 4 Gigabit Copper/SFP Combo Rackmount Web Smart PoE Switch

Introduction

SPS-27164VM is 16-port 10/100/1000M PoE+ with 4 Combo SFP Rack -mount Web Smart PoE Switch, the switch supports IEEE 802.3at Power over Ethernet standard, maximum high power consumption per system. The switch also provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, IGMP Snooping, LACP, IEEE 802.1X, Storm Control...etc. The switch is standard 19" rack -mount design to fit into the rack environment. With these features, the switch is a superb choice for medium or large network environment to strengthen its network connection and efficiency.

IEEE 802.3at Power over Ethernet (PoE) ports

SPS-27164VM features 16 IEEE 802.3at Power over Ethernet Plus (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 SPS-27164VM 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.

High -Speed Networking and Jumbo Frames Support

SPS-27164VM provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6KB to improve network utilization of large file transfers.

4 Combo SFP Open Slots

SPS-27164VM supports 4 Combo SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications. Which is fully compliant with IEEE 802.3z 1000BaseSX/ LX SFP modules.

High Capacity

1000 Mbps speeds and a switching capacity of up to 32Gbps meet the performance needs for even the most bandwidth -hungry applications. The SPS-27164VM is perfect for graphics, multimedia, and other applications that have to move large files across the network quickly.

Exceptionally Smart

The SPS-27164VM features management interface that can be managed through Web Browser and it provides Smart features that are ideal for 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 to avoid network loop, link aggregation to create fat traffic pipelines, bandwidth control to limit traffic load and IEEE 802.1X to secure port access on your network. All of these features offer extra protection on the network edge.

Advanced Security

SPS-27164VM supports specific IP Addresses filtering for every port, and then only identifiers have the privilege to pass through the specific ports. On port access control, the switch also supports IEEE802.1x port authentication.

Specification

Interface		
10/100/1000M Base RJ45 Ports		16
100/1000Base-X SFP and 1000 RJ45 Combo Port		4
System Performance		
Packet Buffer		500KB
MAC Address Table Size		8K
Switching Capacity		32Gbps
Forwarding Rate		23.81Mpps
PoE Features		
IEEE 802.3 af/at		IEEE 802.3 af/at
Number of PSE Ports		16
Max. Power Consumption		250W
Max. System Consumption		23W
External/Internal Power		Internal Power
Power Feeding Detecting Capability on PD		•
PD Classification		•
Power Management (per-port)	Enable/Disable PoE Per Port	•
	Overloading Protection	•
L2 Features		
Auto-negotiation		•
Auto MDI/MDIX		•
Flow Control (duplex)	802.3x (Full)	•
	Back-Pressure (Half)	•
Spanning Tree	IEEE 802.1D (STP)	•
	IEEE 802.1w (RSTP)	•
VLAN	VLAN Group	16
	Tagged Based	•
	Port-based	•
Link Aggregation	IEEE 802.3ad with LACP	•
	Static Trunk	•
	Max. LACP Link Aggregation Group	8
IGMP Snooping v1/v2		•
Broadcast Storm Control		•
Jumbo Frame		9.6K
QoS Features		
CoS	IEEE 802.1p	•
	TCP/UDP Port Based	•
	IP ToS precedence, IP DSCP	•
Security		
Management System User Name/Password Protection		•
Management VLAN		•
RADIUS (Authentication, Authorization, Accounting)		•
Management		
Web Based Management		•
Firmware Upgrade via HTTP		•
Configuration Download/Upload		•
DHCP Client		•
Cable Diagnostics		•
Port Mirroring		One to One or Many to One
Mechanical		
Power Input		100~240VAC
Dimension (H*W*D)		44 × 440 x 331mm
LED		Power, PoE, Link/Act
Operating Temperature		0~40°C
Storage Temperature		-20~85°C
Operating Humidity		5~90% (non-condensing)
Weight		4 KG (250W)/4.5 KG (500W)
Mounting		Rack Mount
Certification		FCC Class A, CE

Standard	
IEEE 802.3 – 10BaseT	•
IEEE 802.3u - 100BaseTX	•
IEEE 802.ab – 1000BaseT	•
IEEE 802.3z – 1000BaseSX/LX	•
IEEE 802.3af Power over Ethernet (PoE)	•
IEEE 802.3at Power over Ethernet (PoE+)	•
IEEE 802.3x - Flow Control	•
IEEE 802.1Q - VLAN	•
IEEE 802.1p - Class of Service	•
IEEE 802.1D - Spanning Tree	•
IEEE 802.1w - Rapid Spanning Tree	•
IEEE 802.3ad - Link Aggregation Control Protocol (LACP)	•
IEEE 802.1X - Access Control	•