

# POE SWITCH SYSTEM PRODUCTS

L2 managed POE switch 16x 10/100/1000M RJ45 and 2xG SFP ports Built-in 250W



## OVERVIEW

**SW-M-16G-2SFP** is equipped with 16 Gigabit RJ45 ports and 2 Gigabit SFP fiber ports. All RJ45 ports support 802.3af/at (PoE+) standard with a maximum power of up to 30W per port and total power of up to 250W. With abundant L2+ layer management support, it can provide high throughput for the most demanding network edge workgroups, while in smaller networks it can serve as a backbone for Gigabit switches and high-speed servers. 2 SFP slots provide greater network flexibility. It supports unified management of the entire network configuration and network management, which can simplify user operation and improve the reliability of deployment. It supports perfect SNMP management, VCT, DDM (Digital Diagnostic Monitoring) and other functions to quickly detect network failures and reduce the difficulty of operation and maintenance.



## FEATURE

- Supports IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3az, IEEE802.3at, IEEE802.3af.
- 16 POE ports support 802.3af/at, per poe port up to 30W, and 250W total power.
- Provides 16 10/100/1000Mbps RJ45 ports, 2 Gigabit SFP fiber ports.
- Support DHCP Snooping, DHCP Relay, Option 82, DHCP client.
- Supports common QinQ and flexible QinQ technologies, giving users maximum freedom to configure QinQ policies.
- Supports multiple VLAN types such as protocol VLAN, MAC VLAN and Voice VLAN, plays a role in multi-service converged networks.
- CE, ROHS, FCC, UKCA, 802.1Q VLAN

## APPLICATIONS

### Value-Added Features Bring Unexpexted Experiences

#### QoS for a Lag-Free Experience

Ensures smooth traffic for latency-sensitive applications, such as voice and video

#### IGMP Snooping forMulticast Optimization

Ensures a better network experience, especially for applications like IPTV, by optimizing multimedia traffic delivery.

#### VLAN for Security

Helps to create a network with higher security and better overall performance by dividing the network into smaller groups

## SPECIFICATIONS

Power Supply	AC100~240V 50/60Hz
Standards	IEEE 802.3i,802.3u,802.3ab,802.3x,802.3az,802.3at,802.3af
Ports	16 x 10/100/1000Mbps ports, 2 x 1000Mbps SFP ports, 1x Console port
Indicators	Electrical port indicators, sfp fiber port indicators, power input indicator,system running indicator.
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5e, 6 cable (maximum 100m) 1000Base-X:MMF,SMF
Dimensions	440*190*44.5 mm
PoE port	16 802.3at/af standard POE
PoE Pin Definition	1/2(+),3/6(-)
Total power	250W
Transfer Method	Store-and-Forward
MAC Address Table	8K
Switching Capacity	36Gbps
Packet Forwarding Rate	26.784Mpps
Packet Buffer	4.1Mbit
Jumbo Frame	10KBytes
Environment	Operating Temperature: 0°C ~45°C (0°F~113°F) Storage Temperature: -40°C ~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing
Warranty	2 Year

## ORDER INFORMATION

PRODUCT	PART NUMBER
L2 managed POE switch 16x 10/100/1000M RJ45 and 2xG SFP ports Built-in 250W	SW-M-16G-2SFP