



WI-PMS318GF
16GE+2SFP Ports 48V L2
Managed PoE Switch
with 16-Port PoE Datasheet

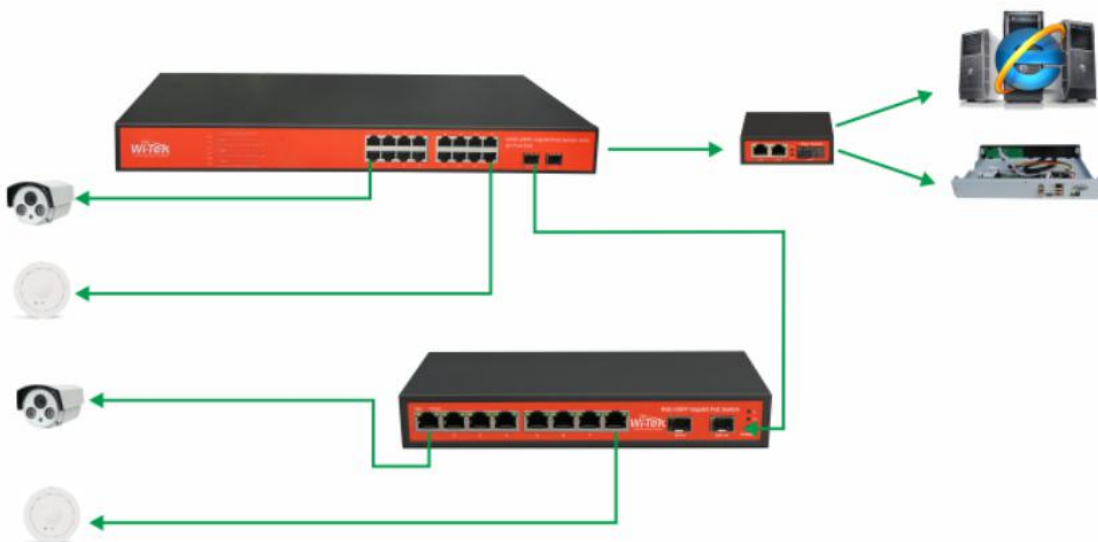


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Highlights

- 16GE+2SFP Full Gigabit Switch with 16 PoE
- Internal power adapter supply 350W
- L2/L3/L4 QoS and IGMP snooping optimize voice and video application
- Support STP/RSTP
- Up to 4K QVLANS simultaneously
- Link Aggregation Control Protocol (LACP)
- WEB/CLI managed modes, SNMP, bring abundant management features

Typical Applications



Description

What This Product Does

16 gigabit L2 managed switch WI-PMS318GF provides 16 10/100/1000Mbps ports. The switch provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. Moreover, the switch also comes equipped with 2 gigabit SFP slots, expanding your network flexibly. WI-PMS318GF is the cost-effective network solution for the ideal small and medium business.

WI-PMS318GF has robust security and management features. The IP-MAC-Port-VID Binding and Access Control List (ACL) functions protect against broadcast storms, ARP and Denial-of-Service(DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. Anymore, the easy-to-use web management interfaces, along with CLI, SNMP, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, Wi-Tek L2 managed Switch WI-PMS318GF provides you the ideal access-edge solution.

Secure Networking

Wi-Tek this WI-PMS318GF provides IP-MAC-Port-VID Binding, Port Security, Storm control and DHCP Snooping which protect against broadcast storms, ARP attacks, etc. It integrates some typical DoS attacks to select. You can protect these attacks more easily ever than before. In addition, the Access Control Lists (ACL, L2 to L4) feature restricts access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports and even VLAN ID.

Advanced QoS features

To integrate voice, data and video service on one network, the switch applies rich QoS

policies. Administrator can designate the priority of the traffic based on a variety of means including IP or MAC address, TCP or UDP port number, etc, to ensure that voice and video are always clear, smooth and jitter free.

Abundant Layer 2 features

For more application of layer 2 switches, WI-PMS318GF supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Any more, the switch provides advanced features for network maintenance. Such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

Specifications

HARDWARE FEATURES

<p>Interface</p>	<p>16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port</p>
<p>Network Media</p>	<p>10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)</p>

HARDWARE FEATURES

Fan Quantity	Fan
Power Consumption	350W (max. with PoE device connected)
Internal Power Supply	DC 52V 6.8A AC 110~265V 50/60HZ
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port16 Power Supply: 350W
Exchange Capacity	32G
Packet Forwarding Rate	23.8Mpps
Mac Address Table	8K
Packet Buffer Memory	4Mb
Jumbo Frame	10240 Bytes
Dimensions	Product Size: 440mm* 220mm*44mm (L*W*H)

SOFTWARE FEATURES

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Quality of Service	<p>Support 802.1p CoS/DSCP priority</p> <p>Support 4 priority queues</p> <p>Queue scheduling: SP, WRR, SP+WRR</p> <p>Port/Flow- based Rate Limiting</p>
L2 Features	<p>IGMP Snooping V1/V2/V3</p> <p>802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group)</p> <p>Spanning Tree</p> <p>STP/RSTP/MSTP</p> <p>Port isolation</p> <p>BPDU filtering/guard</p> <p>TC/Root protect</p> <p>Loop back detection</p> <p>802.3x Flow Control</p>
VLAN	<p>Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs)</p> <p>Port/ MAC/Protocol-based VLAN</p> <p>Management VLAN configuration</p>
Access Control List	<p>L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID;</p> <p>Time Range Based</p>
Security	<p>IP-MAC-Port-VID Binding</p> <p>IEEE 802.1X Port/MAC Based authentication, Radius, Guest</p>

SOFTWARE FEATURES

	<p>VLAN DoS Defence Dynamic ARP inspection (DAI) SSH v1/v2 SSL v2/v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control</p>
Management	<p>Web-based GUI and CLI management SNMP v1/v2c/v3, compatible with public MIBs DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 CPU Monitoring Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web System Diagnose: VCT SYSLOG & Public MIBS</p>

OTHERS

Certification	CE, FCC, RoHS
Package Contents	<p>POE Switch Electric Line Guide Book/Warranty Card</p>
Environment	<p>Working Temperature: 0°C ~ 40°C Storage temperature : -40°C ~ 70°C</p>

OTHERS

	<p>Working Humidity :</p>
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10%~90% RH

non-condensing

Storage Humidity:

5%~90% RH non-condensing
