



**WI-PMS310GF-24V**  
**8GE+2SFP Ports 24V L2 Managed PoE**  
**Switch with 8-Port PoE**  
**Data sheet**

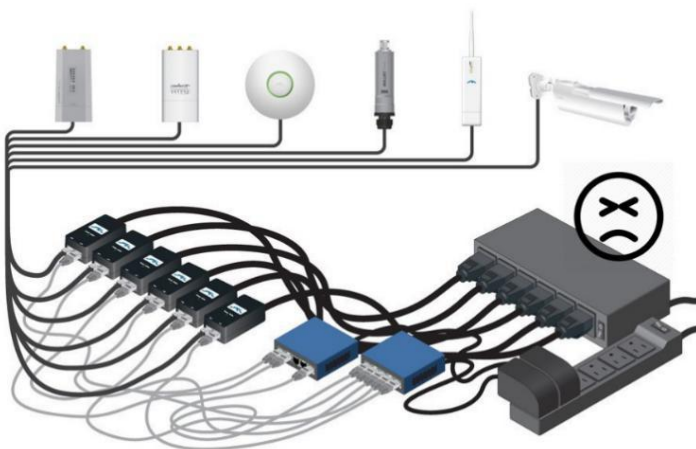
## Highlights

- 8GE+2SFP Full Giga SNMP 24V Passive PoE Switch with 8Port PoE
- External power adapter supply 120W
- 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

## Product



## Typical Applications



## Description

### What This Product Does

8 gigabit L2 managed switch WI-PMS310GF-24V provides 8 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-PMS310GF-24V is the cost-effective network solution for the ideal small and medium business.

WI-PMS310GF 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 work group and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, Wi-Tek L2 managed Switch WI-PMS310GF-24V provides you the ideal access-edge solution.

### Secure Networking

Wi-Tek this WI-PMS310GF-24V 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-PMS310GF-24V 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	
<b>Interface</b>	8 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port
<b>Network Media</b>	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T:

## HARDWARE FEATURES

	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)
<b>Fan Quantity</b>	Fanless
<b>Power Consumption</b>	120W (max. with PoE device connected)
<b>External Power Supply</b>	DC 24V 5A
<b>PoE Ports (RJ45)</b>	24V Passive PoE compliant PoE Ports: Port1- Port8 Power Supply: 150W
<b>Exchange Capacity</b>	20G
<b>Packet Forwarding Rate</b>	14.9Mpps
<b>Mac Address Table</b>	8K
<b>Packet Buffer Memory</b>	1.5Mb
<b>Jumbo Frame</b>	10240 Bytes
<b>Dimensions</b>	Product Size: 225mm* 105mm*32mm

## HARDWARE FEATURES

(L\*W\*H)

## SOFTWARE FEATURES

### Quality of Service

Support 802.1p CoS/DSCP priority  
Support 4 priority queues  
Queue scheduling: SP, WRR, SP+WRR  
Port/Flow- based Rate Limiting

### L2 Features

IGMP Snooping V1/V2/V3  
802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group)  
Spanning Tree  
STP/RSTP/MSTP  
Port isolation  
BPDU filtering/guard  
TC/Root protect  
Loop back detection  
802.3x Flow Control

### VLAN

Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs)  
Port/ MAC/Protocol-based VLAN  
Management VLAN configuration

### Access Control List

L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports,

SOFTWARE FEATURES	
	802.1p, DSCP, protocol and VLAN ID; Time Range Based
<b>Security</b>	IP-MAC-Port-VID Binding IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN DoS Defence Dynamic ARP inspection (DAI) SSH v1/v2 SSL v2/v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
<b>Management</b>	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

OTHERS	
<b>Certification</b>	CE, FCC, RoHS
<b>Package</b>	POE Switch

<p align="center"><b>Contents</b></p>	<p>Electric Line Guide Book/Warranty Card</p>
<p align="center"><b>Environment</b></p>	<p>Working Temperature: -10°C ~ 55°C Storage temperature : -40°C ~ 70°C Working Humidity : 10% ~ 90% RH non-condensing Storage Humidity: 5% ~ 90% RH non- condensing</p>