



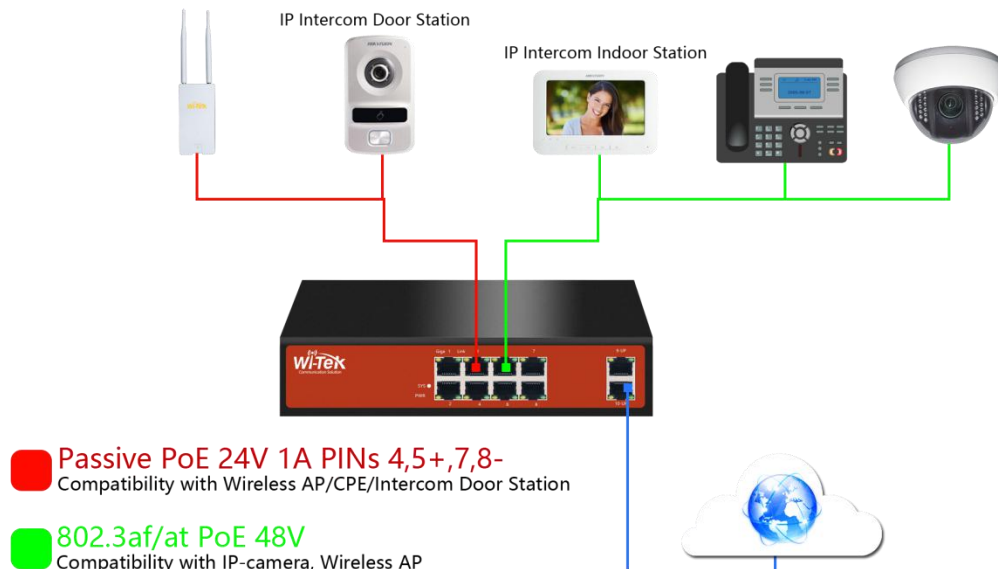
**WI-PMS310GF-Alien
8GE+2SFP Ports 24V/48V Mixed
L2 Managed PoE Switch
with 8-Port PoE
Data sheet**

Highlights

- 8GE+2SFP Full Gigabit Switch with 8 PoE ports
- Internal power adapter supply 150W output power
- L2/L3/L4 QoS and IGMP snooping optimize voice and video application
- Support short-circuit protection and Over-current protection
- The output power of each PoE port can be remotely modified to 24V/48V via user management page
- 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

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

WI-PMS310GF-Alien 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-Alien provides you the ideal access-edge solution.

Secure Networking

Wi-Tek this WI-PMS310GF-Alien 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. Moreover, the switch supports 802.1X authentication, which is used in conjunction with a RADIUS

server to require some authentication information before access to the network is allowed.

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-Alien 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	
Interface	8 10/100/1000Mbps RJ45 Ports (48V/24V Adjustable) 2 1000Mbps SFP Slots 1 Console Port
Network	10BASE-T: UTP category 3, 4,

HARDWARE FEATURES

Media	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)
Fan Quantity	Fanless
Power Consumption	150W (max. with PoE device connected)
External Power Supply	DC 52V 2.8A AC 110~240V 50/60HZ
PoE Ports (RJ45)	Standard: 802.3 af/at compliant passive 24V PoE Ports: Port1- Port8 Power Supply: 150W
Exchange Capacity	20G
Packet Forwarding Rate	14.9Mpps
Mac Address Table	8K
Packet Buffer Memory	1.5Mb
Jumbo Frame	10240Bytes

HARDWARE FEATURES

Dimensions

Product Size:
216mm*140mm*54mm
(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

SOFTWARE FEATURES	
	<p>destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID; Time Range Based</p>
Security	<p>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</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	POE Switch Electric Line Guide Book/Warranty Card
Environment	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