

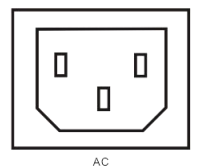
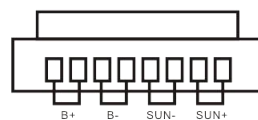
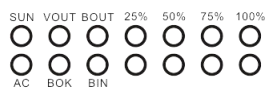
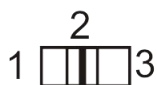


WI-PMS310GF-UPS+
8GE+2SFP Ports 24V-48V Mixed
L2 Managed UPS No-Break
PoE Switch with 8-Port PoE
Data sheet

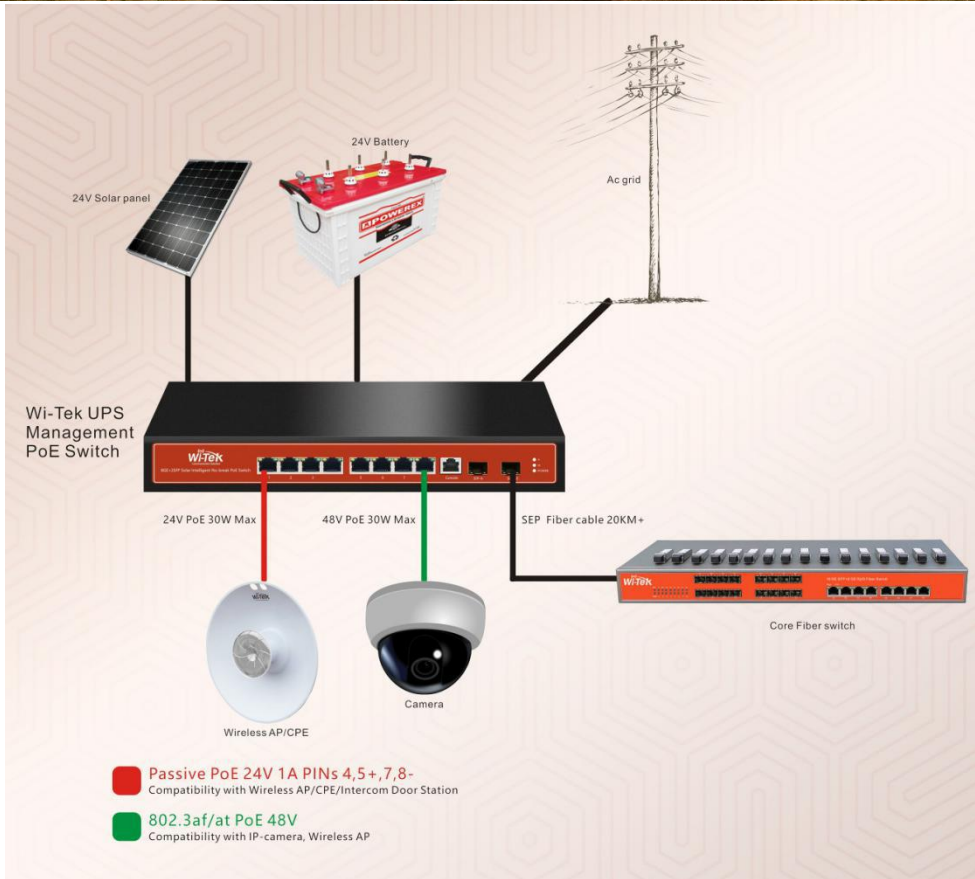
Highlights

- 8GE+2SFP Full Gigabit Switch with 8 PoE
- Internal power adapter supply 150W for 24V/48V PDs
- The power supply of each PoE port can be remotely modified to 24V/48V via software
- Inside solar controller and battery controller for charge and dis-charge battery circuitry from solar Panel and AC
- Auto detection to prevent over current and short-circuit.
- Up to 4K QVLANS simultaneously
- Restart AP via PoE managed page remotely
- Link Aggregation Control Protocol (LACP)
- Operating Temperature -20°C to 60°C
- WEB/CLI managed modes, SNMP, bring abundant management features

Product



Typical Applications



Description

What This Product Does

8 gigabit L2 managed switch WI-PMS310GF-UPS+ provides 8 adjustable 10/100/1000Mbps PoE ports, each port does support both 24V and 48V output. 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-UPS+ UPS system is designed specifically for 24V and 48V POE equipment like that from Ubiquiti, Wi-Tek, Mikrotik, etc. WI-PMS310GF-UPS+'s inside solar controller and DC input port support utilize the solar capacity to extend the backup time(and can charge battery at same time). This device is L2 managed model, with 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-UPS+ provides you the ideal access-edge solution.

Secure Networking

Wi-Tek this WI-PMS310GF-UPS+ 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-UPS+ 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.

Specification

HARDWARE FEATURES	
Interface	8 10/100/1000Mbps RJ45 Ports (24V/48v Modifiable output power) 2 1000Mbps SFP Slots 1 Console Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)

	<p>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>
Fan Quantity	Fan
Power Consumption	150W (max. with PoE device connected)
Power Supply	AC 110~240V 50/60HZ
Solar Controller Input	24V 500W Max
Battery Input	24V 100AH Max
PoE Ports (RJ45)	<p>802.3af/at48V and 24V Passive PoE compliant PoE Ports: Port1- Port8 Power Supply: 150W</p>
Exchange Capacity	20G
Packet Forwarding Rate	14.9Mpps
Mac Address Table	8K
Packet Buffer Memory	1.5Mb

Jumbo Frame	10240Bytes
Dimensions	Product Size: 344mm*225mm*58mm (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	L2~L4 package filtering

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

OTHERS

Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card
Environment	Working Temperature: -20°C ~ 60°C Storage temperature : -30°C ~ 70°C Working Humidity : 10% ~ 90% RH non-condensing Storage Humidity: 5% ~ 90% RH non- condensing