



WI-PCMS310GF
8GE+2SFP Ports 48V
Cloud Managed PoE Switch
with 8-Port PoE
Data sheet

Highlights

- 8GE+2SFP Full Giga 802.3af/at Cloud L2 Managed PoE Switch with 8Port PoE
- Supports PoE power up to 30W for each port, Config PoE and VLAN on Cloud
- Supports PoE IEEE 802.3af/at compliant PDs
- Internal power adapter supply 150W
- Cloud/WEB/CLI managed modes, SNMP, RMON bring abundant management features
- Support google Map view to let users know project location for easy management
- Discovery ONVIF IP camera and view network topology with Gateway/AC, AP, Switch, IPC on CloudL2/L3/L4 QoS and IGMP snooping optimize voice and video application

Product



Typical Applications



Special for WLAN and IP Surveillance



8/24 Ports Gigabit Cloud Managed PoE Switch

- Centralized Cloud Management
- Advanced L2+ Features
- 801.Q VLAN
- QoS and Bandwidth Control
- Traffic Reporting & Analytics
- Topology View
- ONVIF
- Email Alarm Alert
- Google Map View



Description

What This Product Does

8 gigabit Cloud managed switch WI-PCMS310GF 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-PCMS310GF is the cost-effective network solution for the ideal small and medium business.

WI-PCMS310GF has robust security and Cloud and L2 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, and Wi-Tek Cloud 2.0 platform mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, Wi-Tek Cloud managed Switch WI-PCMS310GF provides you the ideal access-edge solution.

Secure Networking

Wi-Tek this WI-PCMS310GF 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-PCMS310GF 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 (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m)

HARDWARE FEATURES

	1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)
Fan Quantity	Fanless
Power Budget	150W
Internal Power Supply	AC 100~240V 50/60HZ
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port8 Power Supply: 150W
Exchange Capacity	20G
Packet Forwarding Rate	14.9Mpps
Mac Address Table	8K
Packet Buffer Memory	4Mb
Jumbo Frame	10240 Bytes
Dimensions	Product Size: 210mm*140mm*45mm (L*W*H)
Protection Leve	Lightning protection 6KV 6KV ESD Contact discharge

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, 802.1p, DSCP, protocol and VLAN ID; Time Range Based
Security	IP-MAC-Port-VID Binding IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN DoS Defence Dynamic ARP inspection (DAI)

SOFTWARE FEATURES

	SSH v1/v2 SSL v2/v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
Management	Web-based GUI and CLI and Cloud 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&Cloud System Diagnose: VCT SYSLOG & Public MIBS

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

OTHERS

Storage Humidity:
5%~90% RH non-
condensing



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