

# Cloud L2 Managed PoE Switch

WI-PCMS310GF | WI-PCMS328GF

## Overview

Wi-Tek Cloud Switch Provides a more efficient, simple, secure and easy-to-use remote management method, supports intelligent deployment, automatic configuration of networking, abnormal alarms and other functions, without the need for professional IT operation and maintenance personnel, newbie can easily get started, support flexible 802.1Q VLAN, port aggregation, QoS, bandwidth control and other, easy to manage and maintain. Wi-Tek Cloud Switch is the cost-effective network solution for the ideal small and medium business.

## Features

### Reliability

Support STP/ RSTP/ MSTP Layer 2 protection technology to ensure the stability of the local area network, and include a backup connection to prevent when a working line fails, automatically provide a backup path to ensure that the local network is online for a long time, and network administrators can also Effectively suppress broadcast storms through IGMP Snooping technology.

### Simple deployment

No need to deploy a separate power supply system  
Network cable and wire in one  
Shorten construction period  
save input costs



### Rich PoE protection functions to ensure the safety of powered devices

- **Short-circuit protection:**

When the line is short-circuited, the switch automatically detects that the current on the line exceeds the standard, automatically stops power supply to the powered equipment.

- **Overload protection:**

When the switch detects that the output power of the powered device exceeds the maximum power available, it will automatically stop supplying power to the powered device.

- **Over-voltage protection:**

The switch has an over-voltage protection circuit on each port. When the instantaneous voltage is too large, the output voltage of the port is clamped at 48V, thus protecting the safety of the PoE switch.

### Cloud Platform Remote Management

Not only supports web interface and CLI management, but also supports Wi-Tek Cloud platform remote management. Users can view the network status, modify the configuration, and troubleshoot at home.

# Technical Specifications



Model		WI-PCMS310GF	WI-PCMS328GF
<b>Hardware Specifications</b>			
Interface		8*10/100/1000Mbps RJ45 Port 2 Gigabit SFP Slots 1 Console Port	24*10/100/1000Mbps RJ45 Port 2 Gigabit Combo ports 2 Gigabit SFP Slots 1 Console Port
Port Standard		IEEE 802.3i:10BASE-T Ethernet; IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet; IEEE 802.3z:1000BASE-X Gigabit Ethernet(Optical fiber)	
PoE	PoE Standard	802.3af/at	802.3af/at
	PoE Ports	8, up to 32W	24, up to 32 W
	PoE Power Budget	140W	370W
Power Supply		100-240 V AC~50/60 Hz	
Exchange Capacity		20Gbps	56Gbps
Packet Forwarding Rate		14.88Mpps	41.66Mpps
Packet Buffer Memory		4Mb	4.1Mb
Jumbo Frame		9 KB	
MAC Address Table		8K	
Dimensions ( W x D x H )		280*180*44mm	440*207*44mm
Fan Quantity		1	2
Protection Level		Common Mode ±6KV, Differential Mode ±4KV	
Electrostatic Standard		Contact 6KV, Air 8KV	
Transmission Mode		Store—Forward	
Installation		Rack-Mounted	
<b>Software Features</b>			
Spanning Tree		IEEE 802.1D -STP	
		IEEE 802.1w -RSTP	
		IEEE 802.1s -MSTP	
		BPDU Guard	
		STP Root Guard	
		Loop Detection	
VLAN		Management VLAN	
		Private VLAN	
		Voice VLAN	
		Monitor VLAN	
		Q-in-Q	
		Protocol-Based VLAN	
		MAC-Based VLAN	

Software Features	
Port	LACP
	Static
	EEE
	Jumbo Frame
	Error-Disable
	Port mirroring( One-to-One Many-to-One Tx/Rx/Both)
	Link Aggregation( Up to 8 aggregation groups and up to 8 ports per group)
Security	Port Isolation
	IEEE802.1x AAA
	ACL support L2+/L3/L4 IPv6 ACL
	Dynamic ARP Protection
	Broadcast Storm
	RADIUS/TACACS+
	RADIUS Authentication (RFC2138)
	SSH v1.5/v2.0
	Anti-DDoS Attack
	DHCP Snooping
QOS	Ipv4 QoS (QCEs)
	Ipv6 QoS (QCEs)
	Priority Algorithm(WRR,Absolute Priority,DSCP & CS)
	Class of Service(Port-Based,802.1p, CoS, DSCP, IP Priority, TCP/UDP IPv4/IPv6)
	Bandwidth(Input /Output)
L2 Multicast	IGMP Snooping v1/v2/v3
	MLD Snooping v1/v2
	MVR
IPV6	Ipv6/IPv4
	Ipv6 Web/SSL
	Ipv6 SNTP
	Ipv6 Telnet/SSH
	Ipv6 Ping/Traceroute
	Ipv6 TFTP
	Ipv6 RADIUS/TACACS+
	Ipv6 SNMP

Software Features	
Management	SNMP (v1, v2c, v3)
	RMON ( 1, 2, 3 & 9 )
	Firmware Upgrade
	Configuration Export/import
	DHCP (Option 82, Option 66, Option 67)
	System Log Supports Event/Error Log
	Manage Access Control( Console Port, SNMP, HTTP/HTTPS, Telnet)
	LLDP (IEEE802.1AB)
	LLDP-MED
	UDLD
	DNS Client
	Traceroute
	Ping
	DDMI
NTP/ SNTP (RFC2030)	
Advanced Features	ONVIF (ONVIF Detection, ONVIF Server(NLM) )
	Batch Firmware Upgrading
	Intelligent Network Monitoring
	Abnormal Event Warnings
	Automatic Device Discovery
	Support Cloud Management
	Support Remote Management
	Support Cloud VLAN Configuration
	Support Topology Display
Support Cloud Control Port Configuration	
Others	
Certification	CE, FCC, RoHS
Package Contents	Gigabit Switch
	Power Cord
	Quick Installation Guide
	Rubber Feet
Environment	Operating Temperature: 0–40 °C Storage Temperature: -40–70 °C Operating Humidity: 10–90% RH non-condensing Storage Humidity: 5–90% RH non-condensing



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Technical Support



Cloud Management



Company Website