WI-TeK
Communication Solution

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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.

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Technical Specifications

Model	WI-PCMS310GF	WI-PCMS328GF
Hardware Specifications		
Interface	8x10/100/1000Mbps RJ45 Ports 2xGigabit SFP Slots 1xConsole Port	24x10/100/1000Mbps RJ45 Ports 2xGigabit Combo ports 2xGigabit SFP Slots 1xConsole 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 — PoE Ports	8,up to 32W	24,up to 32 W
PoE — PoE Power Budget	140W	370W
Power Supply	100-240 V AC~50/60 Hz	
Switching 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 Fan	2 Fan
Protection Level	Common Mode ±6KV, Differential Mode ±4KV	
Electrostatic Standard	Contact 6KV, Air 8KV	
Transmission Mode	Store—Forward	
Installation	Rack-Mounted	
Software Features		
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)
	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 ℃ Storage Temperature: -40–70 ℃ Operating Humidity: 10–90% RH non-condensing Storage Humidity: 5–90% RH non-condensing

CE FC RoHS

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