Cloud L2 Managed PoE Switch

WI-PCMS310GF | WI-PCMS328GF

Overview

Wi-Tek Cloud L2 Managed PoE Switch provide 8/24 Gigabit Ethernet RJ45 ports and 2 Gigabit SFP uplink ports. The WI-PCMS328GF is equipped with 2 Gigabit Combo ports. All RJ45 ports comply with 802.3af/at PoE (PoE+) standard and output up to 30W PoE power per port.

Wi-Tek Cloud Switch provides a more efficient, simple, secure and easy-to-use remote management method, and supports intelligent deployment, automatic configuration of networking, abnormal alarms and other functions. It supports flexible 802.1Q VLAN, port aggregation, QoS, bandwidth control and other features, making it easy to manage and maintain.

Wi-Tek Cloud Switch is a high-performance and reliable network solution with abundant management features, making it the perfect choice for small and medium businesses.

Features

The abundant Layer 2 management features ensure network 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.

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.

Specifications

Model	WI-PCMS310GF	WI-PCMS328GF
Hardware Specifications		
Interfaces		
Downlink Ports	8 * 10/100/1000Mbps RJ45 Ports	24 * 10/100/1000Mbps RJ45 Ports
Uplink Ports	2 * 1000 SFP Slots	2 * 1000 Combo SFP ports 2 * 1000 SFP Slots
Management port	1 * Console Port	1 * Console Port
PoE		
PoE Port	Port 1-8	Port 1-24
PoE Standard	802.3af/at	
PoE Power Supply Type	End-span	
PoE Pin Assignment	1/2(+), 3/6(-)	
PoE Power	30W Max. for each port, 140W Max. for PoE power budget	30W Max. for each port, 370W Max. for PoE power budget
Performance		
Memory and Flash	128MB DDR3, 16MB Flash	
Switch Property		
Standards and Protocols	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)	
Forwarding Mode	Store and Forward	
Switching Capacity	20 Gbps	56 Gbps
Packet Forwarding Rate	14.88 Mpps	41.66 Mpps
MAC Address Table	8 k	
Packet Buffer Memory	4.1 Mbit	
Jumbo Frame	10 kB	
Power Supply		
Input Power	100-240 V AC~50/60 Hz	
Power Consumption	Idle: 14.2 W 100% Traffic Rate with PoE: 156.6 W	Idle: 27W 100% Traffic Rate with PoE: 440.4W

Model	WI-PCMS310GF	WI-PCMS328GF
Physical Characteristics		
LED Indicators	PWR (Green): Solid on: The device power on is normal / Off: The device is power off or failed SYS (Green): Blinking: the system works / Off: the system is starting or has no power PoE (Orange): Solid on: Equipment connected, normal power supply / Off: Port not for terminal equipment power supply LNK/ACT (Green): Solid on: Port connected / Blinking: Data transmission / Off: Port disconnected	
Fan Quantity	1	2
Dimensions (W*D*H)	280*181*44mm	442*209*44mm
Weight	Net Weight: 1.72 kg	Net Weight: 3.21 kg
	Package Weight: 2.40 kg	Package Weight: 3.91 kg
Installation	Rack-Mounted、Desktop	
Button		
Reset	Hold for >5 sec. to restore factory default.	
Environmental		
Reliability — Surge Immunity	EC 61000-4-5 Common mode 6kV Differential mode 4kV	
Reliability — ESD Protection	IEC 61000-4-2 Contact discharge 6kV Air discharge 8kV	
Operating Temperature	0℃ to 40℃(32℉ to 104℉)	
Operating Humidity	10%~90% RH no condensation	
Storage Temperature	-40℃ to 70℃(-40℉ to 158℉)	
Storage Humidity	5%~90% RH no condensation	
Certification		
Certification	CE, FCC, RoHS, UKCA, RCM	

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Software Features			
Spanning Tree	IEEE 802.1D – STP		
	IEEE 802.1W – RSTP		
	IEEE 802.1S – MSTP		
	BPDU Guard		
VLAN	VLAN Group (Max 4K VLAN Groups)		
	Voice VLAN		
	Protocol VLAN		
	MAC VLAN		
	Surveillance VLAN		
	QinQ		
	GVRP		
Port	Link Aggregation	LACP	
		Static	
		Up to 8 aggregation groups and up to 8 ports per group	
	EEE		
	Jumbo Frame		
	Error– Disable		
	Port mirroring	One–to–One	
		Many–to–One	
		Tx/Rx/Both	
	Loop Detection	Port Based	
		VLAN Based	
		Fiber Module	
ACL	MAC ACL	Source MAC	
		Destination MAC	
		Ether Type	
		VLAN ID	
		User Priority	
		802.1p	
	IPV4 ACL / IPV6 ACL	Source IP	
		Destination IP	
		IP Protocol	
		Type of Service	
		User Priority	

Model	WI–PCMS310GF		WI–PCMS328GF
Software Features			
ACL	IPV4 ACL / IPV6 ACL	Source Port	
		Destination Port	
		ICMP Type	
		ICMP Code	
		TCP Flags	
	RADIUS/TACACS+		
	RADIUS Authentication (RFC2138)		
	AAA	Console	
		Telnet	
		SSH	
		HTTP	
		HTTPS	
	Management Access	Management Service	
		Management ACL	
	Authentication Manager	802.1X	
		MAC–Based	
		WEB–Based	
		Guest VLAN	
	Broadcast Storm	Broadcast	
		Unknown Multicast	
		Unknown Unicast	
		Kbits/Packet control mode	
	Protected Port		
	Port Security		
	IP Source Guard		
	Dynamic ARP Inspection		
	SSH v1.5/v2.0		
	Anti– DDoS Attack		
	DHCP Snooping		
QoS	8 priority queues		
	802.1p CoS/DSCP priority		
	Queue scheduling	SP (Strict Priority)	
		WRR (Weighted Round Robin)	
		SP+WRR	

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Software Features			
QoS	IP Precedence Mapping		
	Rate Limit	Ingress / Egress Port	
		Egress Queue	
L2 Multicast	Multicast	Group Address	
		Router Port	
		Forward All	
		Throttling	
		Filtering Profile	
	IGMP Snooping	IGMP Statistics	
		IGMP Querier	
		IGMP Snooping v2/v3	
	MLD Snooping	MLD v1/v2 Snooping	
		MLD Snooping Statistics	
	MVR	Property	
		Port Setting	
		Group Address	
IPV6	IPV6/IPV4		
	IPV6 WEB/SSL		
	IPV6 SNTP		
	IPV6 TELNET/SSH		
	IPV6 PING/TRACEROUTE		
	IPV6 TFTP		
	IPV6 RADIUS/TACACS+		
	IPV6 SNMP		
Management	Web-based GUI		
	Command Line Interface (CLI) through the console port, telnet		
	SNMP (v1 , v2c , v3)		
	Trap/Inform		
	RMON (1 , 2 , 3 & 9)		
	Firmware Upgrade		
	Configuration Export/import		
	System Log		
	LLDP (IEEE802.1AB)		
	LLDP- MED		

Model	WI-PCMS310GF	WI-PCMS328GF
Software Features		
Management	UDLD	
	DNS Client	
	Copper Test	
	Ping	
	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	

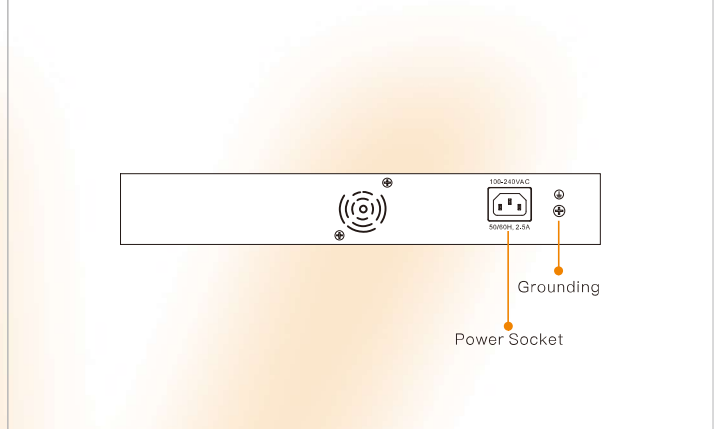# Appearances and Dimensions

WI-PCMS310GF

Dimensions (mm)

44 mm

280 mm

180 mm

Front Panel

2*1000 SFP Slots

Console

LED indicator

Reset Button

8*10/100/1000Mbps RJ45 PoE Ports

Rear Panel

100-240VAC
50/60Hz, 2.5A

Grounding

Power Socket
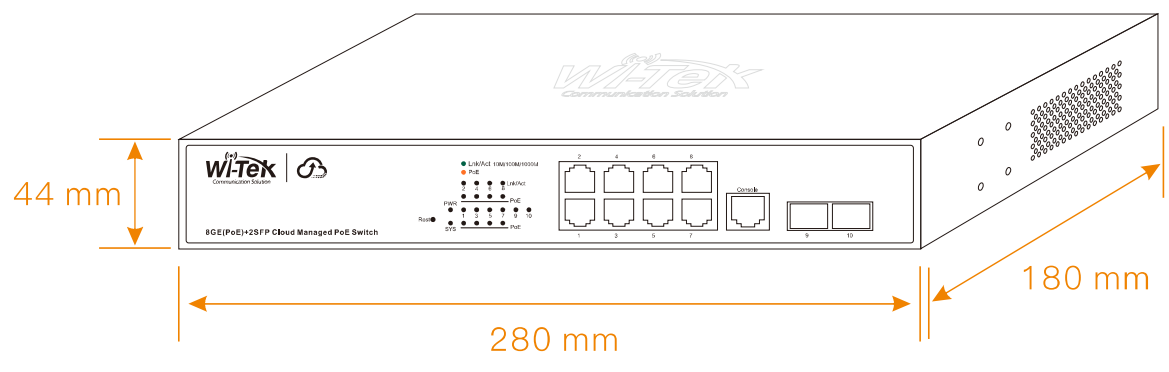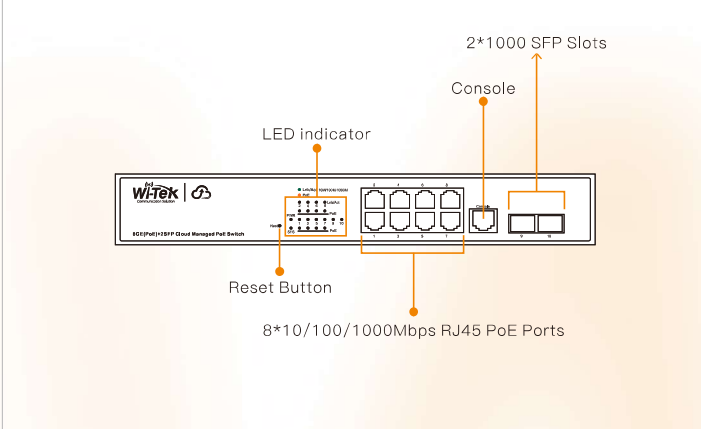
WI–PCMS328GF

Dimensions (mm)

44 mm

440 mm

209 mm

Front Panel

24*10*100*1000Mbps RJ45 Ports

Console

LED Indicator

2*1000Mbps SFP Slots

Reset Button

2*1000Mbps Combo Port

Rear Panel

Grounding

Power Socket
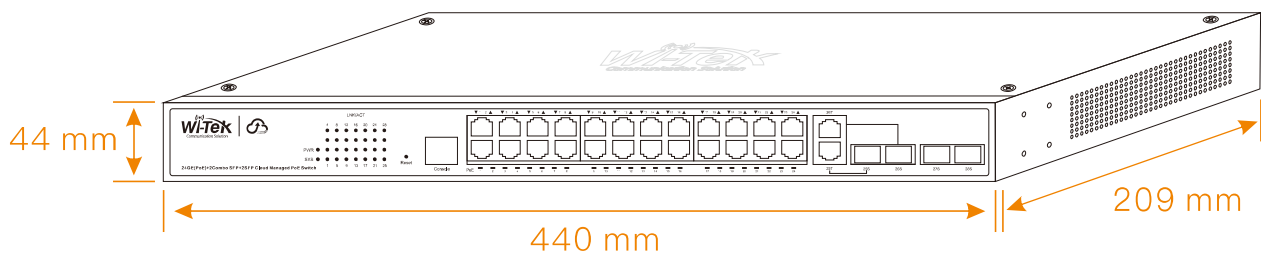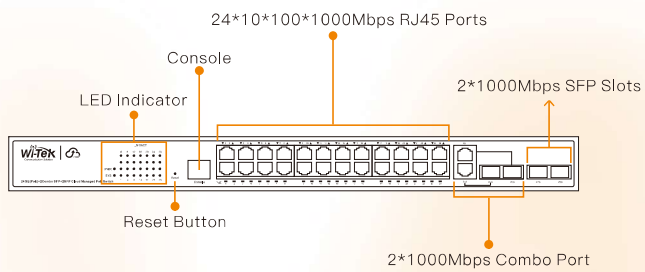
Package Contents

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Switch	1 pcs
Serial line	1 pcs
Power Cord	1 pcs
Quick Installation Guide	1 pcs
Hooks	2 pcs
Mats	4 pcs
Screws	8 pcs

CE FC RoHS 🗑 UK CA ⬠

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