Datasheet

Cloud Easy Smart Gigabit PoE Switch



WI-PCES310G | WI-PCES320GFH | WI-PCES328GFH

Overview

Wi-Tek Cloud Easy Smart Gigabit PoE Switch provides simple, safe, and easy-to-use local WEB and remote management methods and supports smart deployment, abnormal alarm, ONVIF automatic identification of network cameras, automatic shutdown of loop ports, IGMP Snooping for effectively prevent L2 flooding of multicast data and improve network performance etc. Users can easily use it without professional IT operation and maintenance. Wi-Tek Cloud Easy Smart Gigabit PoE Switch is the best choice for CCTV and SMB network solution.

Features

Support Wi-Tek cloud management

ONVIF cameras and Wi-Tek cloud management devices can be remotely managed through Wi-Tek cloud platform/mobile APP, making CCTV network projects truly intelligent and easy to maintain. You can easily access and manage your cameras from your phone or computer anytime, anywhere.

(Note: The EWEB channel can be created only when the easy smart switch is linked with the other type of Wi-Tek cloud management device, such as cloud L2, L3 management switch, gateway, wireless AP, etc.)

Remote Configuration

No need to go to the site to configure. Users can make some remote configurations such as port restart, PoE restart, VLAN division, and even maintenance and debugging can be done remotely anytime and anywhere.

Intelligent Operation and Maintenance

Abnormal alarm can help you locate problems quickly by Wi-Tek cloud planform, making your operation and maintenance easier.

Automatic Loop Prevention

When a loop occurs on the switch,the port which caused the loop will be closed in time to enable the switch to operate properly and maintain service continuity.

Specifications





Model	WI-PCES310G	WI-PCES320GFH	WI-PCES328GFH
Interfaces			
Downlink Ports	8*10/100/1000Mbps RJ45 ports	16*10//100/1000Mbps RJ45 PoE Ports	24*10/100/1000Mbps RJ45 PoE Ports
Uplink Ports	2*10/100/1000Mbps RJ45 ports	2*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots	2*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots
PoE			
PoE Port	Port 1-8	Port 1- 16	Port 1- 24
PoE Standard	IEEE 802.3af/at		
PoE Pin Assignment	1/2(+), 3/6(-); 4/5(+), 7/8(-)		
PoE Power	30W max for each port, 110W max. (PoE power budget)	30W max for each port, 130W max. (PoE power budget)	30W max for each port, 235W max. (PoE power budget)
Performance			
Flash	16MB		
Switch Property			
Standards and Protocols	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.1q, IEEE802.3af, IEEE802.3at,	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE 802.1q, IEEE802.3z, IEEE802.3az, IEEE802.3af, IEEE802.3at	
Forwarding Mode	Store and Forward		
Switching Capacity	20Gbps	40Gbps	56Gbps
Packet Forwarding Rate	14.88Mpps	29.76Mpps	41.67Mpps
MAC Address Table	8k		
Packet Buffer Memory	4.1Mbit		
Jumbo Frame	15KBytes		

Model	WI-PCES310G	WI-PCES320GFH	WI-PCES328GFH
Power Supply			
Input Power	AC 100-240V 50/60Hz		
Power Consumption	Idle: 7W 100% Traffic Rate with PoE: 117W	Idle: 8W 100% Traffic Rate with PoE: 138W	Idle: 10W 100% Traffic Rate with PoE: 245W
Physical Characteristics			
LED Indicators	**PWR(Green)** On: The switch is powered on Off: The switch is powered off or power supply is abnormal **PoE(Yellow)** On: PoE enabled Off: PoE disabled **Link** On: Port connected Off: Port disconnected Blinking: Data transmission	**PWR(Green)** Solid on: The power supply is normal Off: The system power supply is abnormal **PoE(Yellow)** On: PoE enabled Off: PoE disabled **Link(Port 1-18)** Orange on: The port is connected with 10/100Mbps speed Green on: The port is connected with 1000Mbps speed Blinking: Data transmission Off: Port disconnected **Link(Port 19-20)** Green on: The port is connected with 1000Mbps speed Blinking: Data transmission Off: Port disconnected	**PWR(Green)** Solid on: The power supply is normal Off: The system power supply is abnormal **PoE(Yellow)** On: PoE enabled Off: PoE disabled **Link(Port 1-26)** Orange on: The port is connected with 10/100Mbps speed Green on: The port is connected with 1000Mbps speed Blinking: Data transmission Off: Port disconnected **Link(Port 27-28)** Green on: The port is connected with 1000Mbps speed Blinking: Data transmission Off: Port disconnected
Fan Quantity	Fanless	2	
Switch Dimensions	280*180*44mm	440*270.8*44mm	440*270.8*44mm
Package Dimensions	438*245*77mm	555*295*88mm	555*295*88mm
Weight	Net Weight: 1.40kg	Net Weight: 2.27kg	Net Weight: 2.52kg
	Package Weight: 2.12kg	Package Weight: 3.33kg	Package Weight: 3.58kg
Installation	Desktop, Rack-mounted		

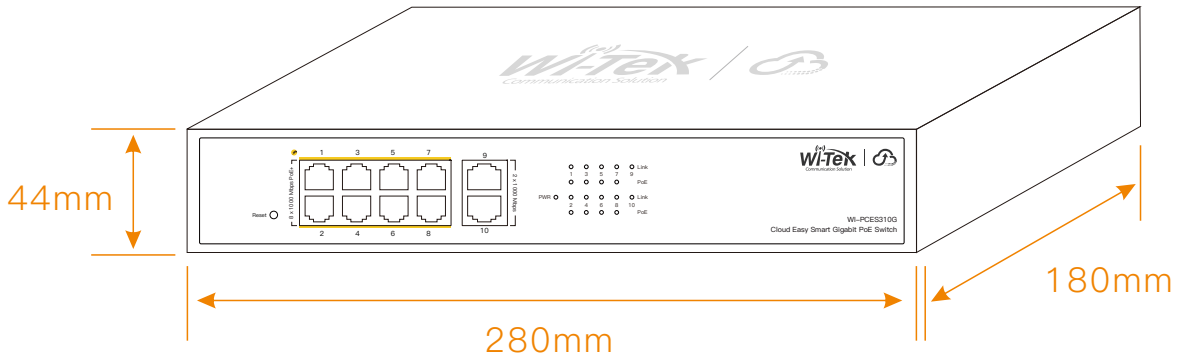
Model		WI-PCES310G	WI-PCES320GFH	WI-PCES328GFH
Button				
Reset		Hold for >5 sec. to restore factory default		
Environmental				
Reliability	Surge Immunity	IEC 61000-4-5 Common mode ±4kV Differential mode ±2kV		
	ESD Protection	IEC 61000-4-2 Contact discharge ±6kV Air discharge ± 8kV		
Operating Environment		-10℃ to 50℃(14℉ to 122℉); 10%~90% RH no condensation		
Storage Environment		-40℃ to 70℃(-40℉ to 158℉); 5%~95% RH no condensation		
Certification				
Certification		CE, FCC, RoHS, UKCA, RCM		

Model	WI-PCES310G	WI-PCES320GFH	WI-PCES328GFH
Software Features			
System Settings	Device Info		
	IP Setting		
	User management		
	Upgrade		
	Backup Restore		
	Device Management		
Monitoring	Port Statistics		
	Ping Test		
	Loop Guard		
Switch Settings	Port Settings		
	Port Aggregation		
	Port Mirroring		
	Jumbo Frame		
	IGMP Snooping		
	MAC Manage		
	LLDP Config		
	LLDP Neighbor		
	DHCP Snooping		
VLAN Settings	MTU VLAN*		
	Port-based VLAN*		
	802.1Q VLAN		
QOS Settings	Port Rate		
	Storm Control		
	QoS Basic		
	QoS Advanced		
PoE Setting	PoE		
	PD Alive		
Onvif	Onvif Detect		
Cloud Settings	Cloud Settings		

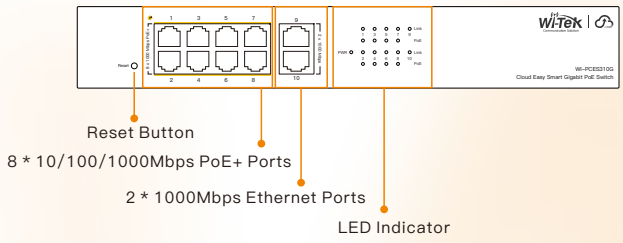
Note: As the cloud platform only supports 802.1Q VLAN, when MTU VLAN or Port-based VLAN functions need to be enabled, the cloud management function needs to be disabled first.

WI-PCES310G

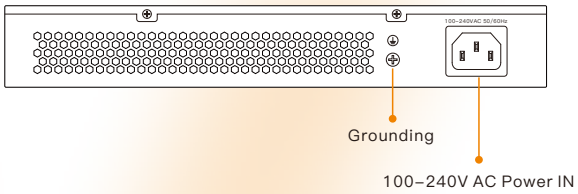
Dimensions (mm)



Front Panel

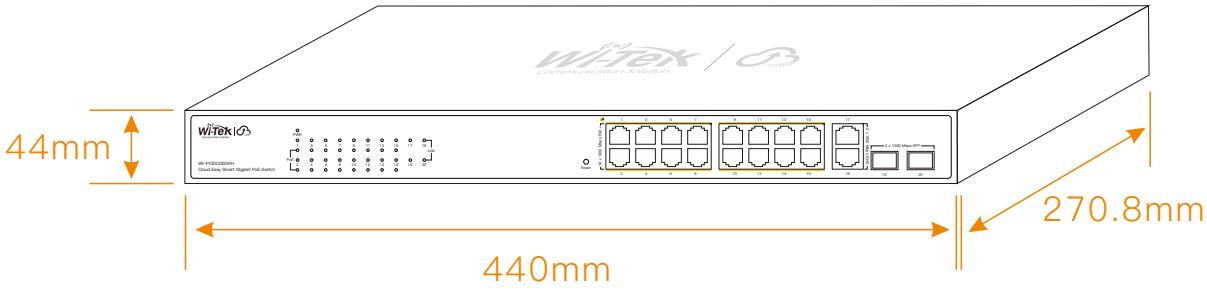


Rear Panel

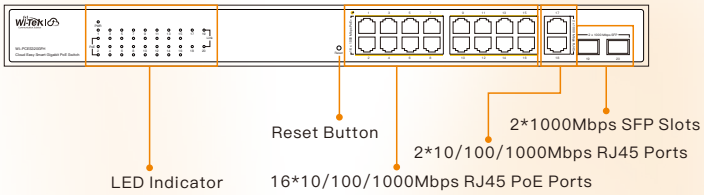


WI-PCES320GFH

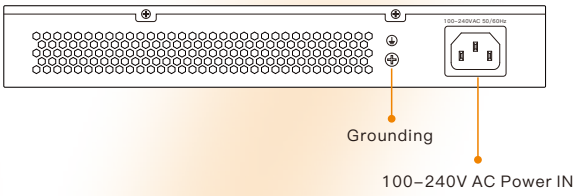
Dimensions (mm)



Front Panel

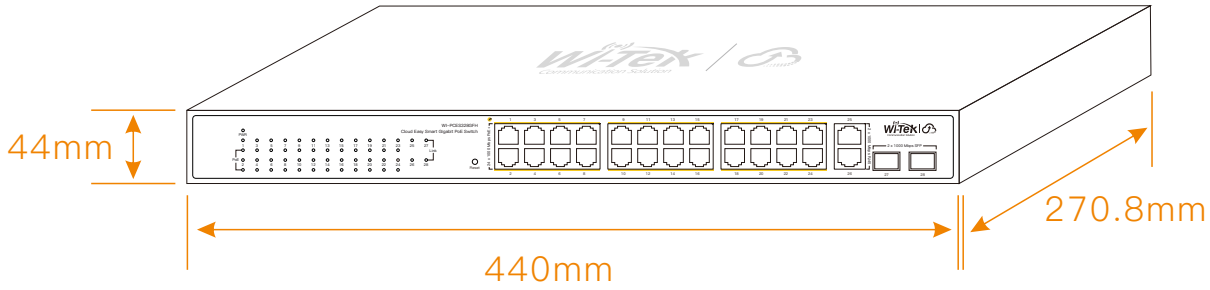


Rear Panel

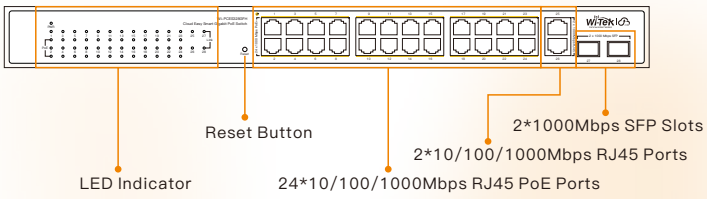


WI-PCES328GFH

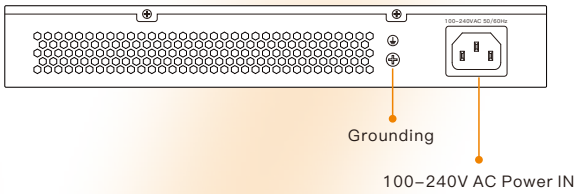
Dimensions (mm)



Front Panel



Rear Panel



Package Contents

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

Items	Quantity
Switch	1 pcs
AC Power Cord	1 pcs
Mounting Accessories	Hook x 2, Mat x 4, Screw x 8
Quick Installation Guide	1 pcs

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