

## Datasheet

# Cloud Easy Smart Management Switch

WI-PCES306GF | WI-PCES308GF



## Overview

Wi-Tek Cloud Easy smart PoE switch provides simple, safe, and easy-to-use local WEB and remote management methods, supports smart deployment, abnormal alarm, ONVIF automatic identification of network cameras, automatic shutdown of loop ports, etc., without professional IT operation and maintenance even beginners can easily use it. Wi-Tek Cloud Easy Smart PoE Switch is the Cost-effective choice for CCTV 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.

### Automatic loop prevention

By default, the switch enables port loop detection. 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.

### Remote Configuration

Common functions such as port restart, PoE restart, VLAN division, maintenance and debugging can be easily solved remotely.

### Intelligent Operation and Maintenance

Abnormal alarm can help you locate problems quickly, making your operation and maintenance easier.

# Specifications



Model	WI-PCES306GF	WI-PCES308GF
Hardware Specifications		
Interfaces		
Downlink Ports	4 *10/100/1000Mbps RJ45 Port	8 *10/100/1000Mbps RJ45 Port
Uplink Ports	1 *1000Mbps RJ45 Port 1 *1000Mbps SFP Slot	1 *1000Mbps RJ45 Port 1 *1000Mbps SFP Slot
PoE		
PoE Port	Port 1–4: 802.3 af/at	Port 1–8: 802.3af/at
PoE Standard	IEEE 802.3af/at	
PoE Power Supply Type	End-span	
PoE Pin Assignment	1/2(+), 3/6(-)	
PoE Power	30W Max. for each port, 60W Max. for PoE power budget.	
Performance		
Flash Memory	4MB	
Switch Property		
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1x, IEEE 802.1q, IEEE 802.1p, IEEE802.3af, IEEE802.3at.	
Forwarding Mode	Store and Forward	
Switching Capacity	12 Gbps	20 Gbps
Packet Forwarding Rate	8.93 Mpps	14.88 Mpps
MAC Address Table	2 k	2 k
Packet Buffer Memory	1 MB	1.5 MB
Jumbo Frame	9kB	9kB
Power Supply		
Input Power	52V DC Power Input, 1.25A, 65 W	
Power Consumption	Idle: 1 W 100% Traffic Rate with PoE: 65 W	Idle: 1.5 W 100% Traffic Rate with PoE: 65 W
Physical Characteristics		
LED Indicators	<p>PWR (Green): Solid on: The device power on is normal. Off: The device is power off or failed.</p> <p>PoE (Orange): Solid on: PoE work normally. Off: PoE doesn't work.</p> <p>ACT (Green): Solid on: Port connected. Blinking: Data transmission. Off: Port disconnected.</p>	



Model		WI-PCES306GF	WI-PCES308GF
<b>Physical Characteristics</b>			
LED Indicators	100M (Orange):	Solid on: 10M/100M. Off: 1000M.	
	1000Mbps SFP Interfaces-ACT (Green):	Solid on: Port connected. Blinking: Data transmission. Off: Port disconnected.	
Dimensions (W*D*H)	133*81*27 mm	185*94*27 mm	
Weight	Net Weight: 0.26kg	Net Weight: 0.46kg	
	Package Weight: 0.79 kg	Package Weight: 0.98kg	
Installation	Desktop		
<b>Button</b>			
Reset	Hold for >5 sec. to restore factory default.		
<b>Environmental</b>			
Reliability	Surge Immunity	EC 61000-4-5 Common mode 4kV Differential mode 2kV	
	ESD Protection	IEC 61000-4-2 Contact discharge 6kV Air discharge 8kV	
	Protection Class	IP20	
Operating Temperature	0°C to 40°C		
Operating Humidity	10%~90% RH no condensation		
Storage Temperature	-40°C to 70°C		
Storage Humidity	5%~95% RH no condensation		
<b>Certification</b>			
Certification	CE, FCC, RoHS, UKCA, RCM		
<b>Software Features</b>			
System Settings	Device Info		
	IP Settings		
	User Management		
	Firmware Upgrade		
	Configuration Backup		
	Reset		
	Reboot		



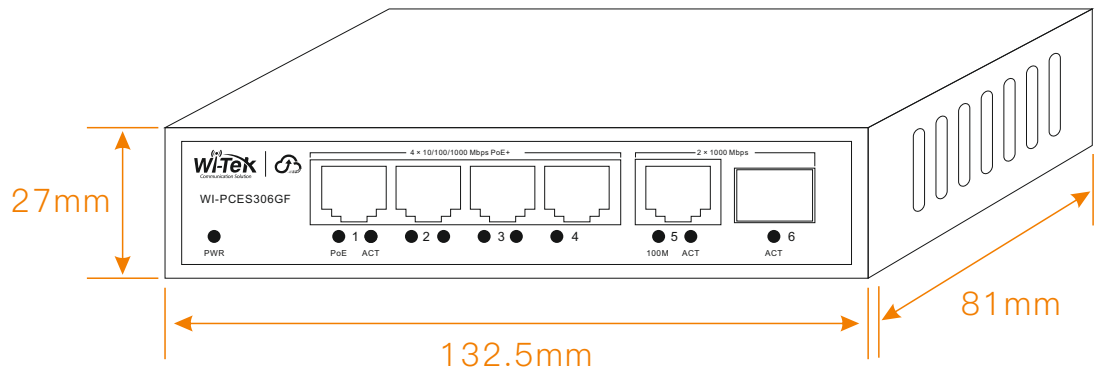
Model	WI-PCES306GF	WI-PCES308GF
Software Features		
Switch Settings	Port Settings	
	Port Statistics	
	Storm Control	
	Port Mirroring	
	Port Isolation	
	Port Bandwidth Control	
	Link Aggregation	
	Loopback Detection	
	MAC Search	
	Static MAC	
VLAN Settings	Port-based VLAN	
	VLAN Range: 1-4094	
PoE Settings	PoE port disable	
	PoE Watchdog	
	PoE Reboot	
ONVIF	Onvif Detect	
Cloud Settings	Wi-Tek Devices Discovery Table	

Note: Link Aggregation only supports the aggregation of downlink ports.

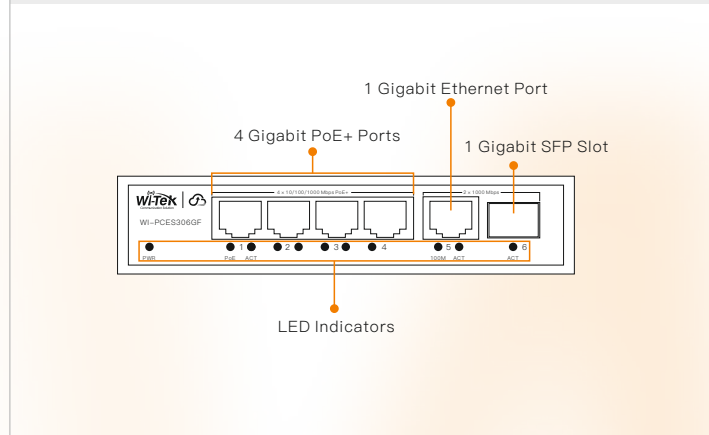
# Appearances and Dimensions

WI-PCES306GF

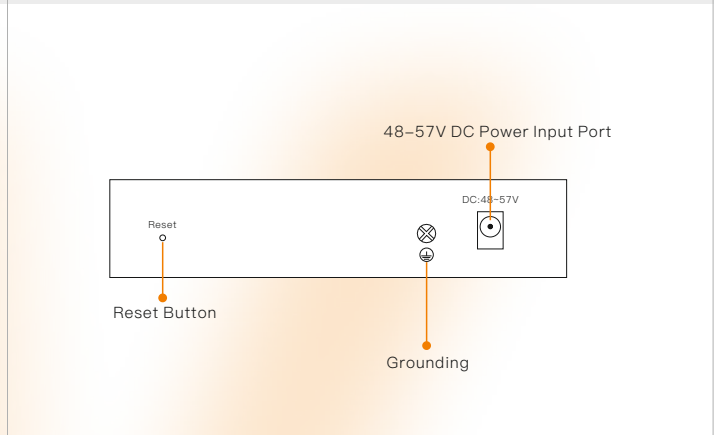
Dimensions (mm)



Front Panel

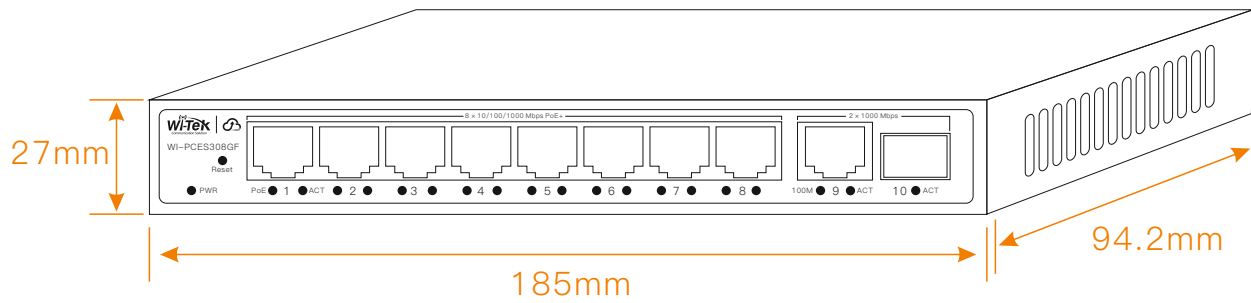


Side Panel

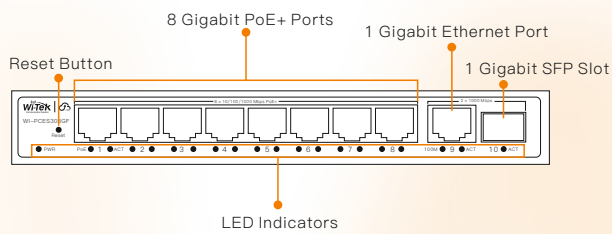


WI-PCES308GF

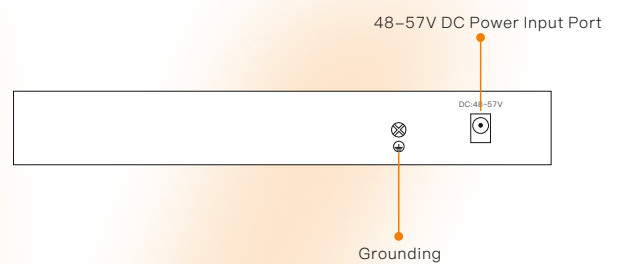
Dimensions (mm)



Front Panel



Side Panel



## Package Contents

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

Items	Quantity
Switch	1 pcs
Power adapter	1 pcs
AC cord	1 pcs
Quick installation guide	1 pcs



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Technical Support



Cloud Management



Company Website