

Cloud Easy Smart Gigabit PoE Switch

WI-PCES352GF



Overview

The Wi-Tek Cloud Easy Smart Gigabit Switch offers 48 1000Mbps PoE ports with 48 ports up to 30W of PoE power, providing flexible and high-performance full-gigabit access and uplink ports. The 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, Voice VLAN to improve the quality of VoIP communication, IGMP Snooping for effectively prevent L2 flooding of multicast flow and improve network performance, etc. Wi-Tek Cloud Easy Smart Switch is the best choice for CCTV and SMB network solutions.

Features

Support Wi-Tek cloud management

ONVIF cameras and Wi-Tek cloud management devices can be remotely managed through the 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.)

ONVIF-based IPC Detection and Automatic Topology Mapping

Effortlessly discover ONVIF IPCs and visualize their connections under the switch via the cloud platform, enabling intuitive network management and faster deployment.

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.

Support Voice VLAN to Improve the Quality of VoIP Communication

Voice VLAN is a dedicated VLAN configured to prioritize voice flow on a network, ensuring higher quality and reliability for VoIP communication, especially in VoIP (Voice over IP) systems. When the network is congested, the priority is to ensure the transmission of voice flow, guaranteeing uninterrupted, high-quality VoIP communications even during peak usage periods.

Support IGMP Snooping to Optimize Multicast Traffic Efficiency

IGMP Snooping is an intelligent Layer 2 feature designed to enhance multicast traffic management on your network. By actively monitoring and controlling multicast group memberships, it ensures efficient bandwidth utilization and optimal performance for video streaming, IPTV, and real-time data distribution.

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, making your operation and maintenance easier.

Specifications



Model	WI-PCES352GF		
Hardware Specifications	V1		
Interfaces			
Downlink Ports	48 *10/100/1000Mbps RJ45 Ports		
Uplink Ports	4 *1000Mbps SFP Slots		
PoE			
PoE Port	Port 1–48		
PoE Standard	Port 1–48: IEEE802.3 af/at		
PoE Pin Assignment	1/2(+), 3/6(–)		
PoE Power	30W Max. for port1–48 370W Max. for PoE power budget		
Performance			
Flash Memory	Memory: 128MB Flash: 32MB		
Switch Property			
Standards and Protocols	IEEE802.3	IEEE802.3x	
	IEEE802.1ab	IEEE802.1q	
	IEEE802.3u	IEEE802.1p	
	IEEE802.3ab	IEEE802.3af	
	IEEE802.3z	IEEE802.3at	
Forwarding Mode	Store and Forward		
Switching Capacity	104Gbps		
Packet Forwarding Rate	77.38Mpps		
MAC Address Table	16K		
Packet Buffer Memory	12Mbit		
Jumbo Frame	12KB		

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Power Supply	
Input Power	AC: 100–240V, 50/60Hz
Power Consumption	Idle: 22 W 100% Traffic Rate with PoE: 392 W
Physical Characteristics	
LED Indicators	PWR(Green): Solid On: Indicates the Switch has power Off: No Power supply PoE (Orange): Solid On: There is a PoE PD connected to be port, which supply power successfully Off: No PoE powered device (PD) connected Link (Green): Solid On: Port connected Blinking: Data transmission Off: Port disconnected SFP Indicator(49, 50, 51, 52) Solid on: Port connected Blinking: Data transmission Off: Port disconnected
Switch Dimension(L*W*H)	440*330*44mm
Package Dimension	495*415*72mm
Weight	Net Weight: 4.84kg
	Package Weight: 5.69kg
Installation	Rack mounted and Desktop installation
Buttons	
Reset	Hold for >5 sec. to restore factory default

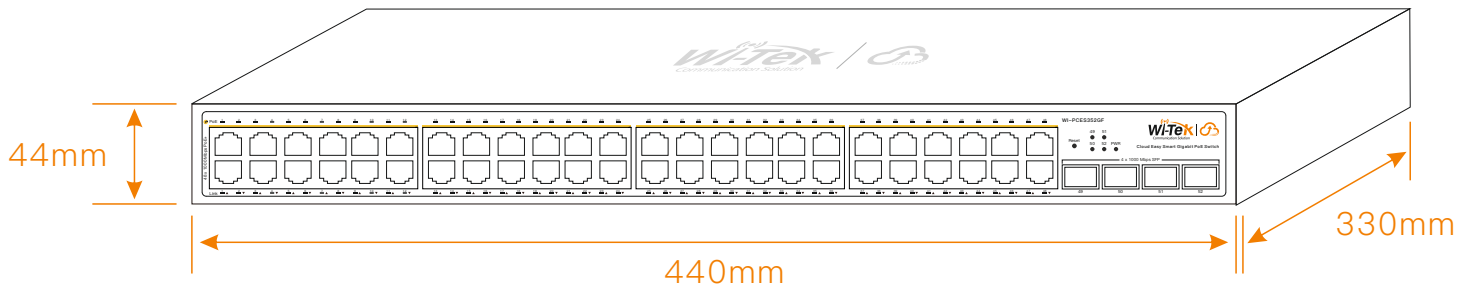
Model		WI-PCES352GF
Environmental		
Reliability	Surge Immunity	IEC 61000-4-5 Common mode ±4KV Differential mode ±2KV
	ESD Protection	IEC 61000-4-2 Contact discharge ±6KV Air discharge ±8KV
Operating Temperature		-10°C ~ 50°C(32°F to 122°F)
Operating Humidity		10%~90% RH no condensation
Storage Temperature		-40°C ~70°C(-40°F to 158°F)
Storage Humidity		5% ~ 90% RH no condensation
Certification		
Certification		CE, FCC, RoHS, UKCA, RCM

Model	WI-PCES352GF
Software Features	
System Settings	Device Info
	IP Settings
	WEB Settings
	User Management
	Upgrade
	Device Management
Monitoring	Port Statistics
	Cable Diagnostics
	Loop Guard
	Ping Test
Switch Settings	Port Settings
	Port Mirroring
	Port Isolation
	Port Aggregation
	Jumbo Frame
	Static MAC
	Black Hole MAC
	Search MAC
	MAC List
	DHCP Snooping
	DDos
	IGMP Snooping

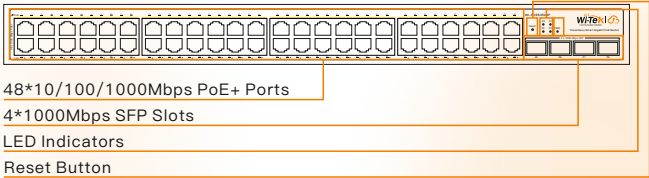
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VLAN Settings	VLAN Member
	VLAN Settings
	Management VLAN
	Voice VLAN
PoE Management	PoE Settings
QoS Settings	Port Rate
	Storm Control
	QoS Property
	COS Priority Mapping
	DSCP Priority Mapping
	Inner Priority Mapping
	Queue Scheduling
PoE Settings	PoE Global Info
	PoE Basic Settings
	PD Alive
ONVIF	ONVIF Detect
Cloud Settings	Cloud Settings

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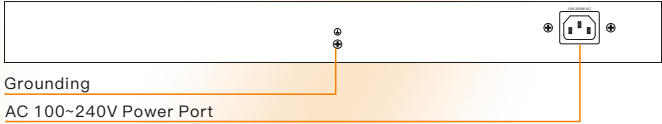
Dimensions (mm)



Front Panel



Side Panel



Package Contents

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

Items	Quantity
Switch	1 pcs
Accessories (Rack Mount Kit *2, Feet *4, Screw *8)	1 pcs
Power Cord	1 pcs
Quick installation guide	1 pcs



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Technical Support



Cloud Management



Company Website