

## Datasheet

# Wi-Tek L3 Managed Cloud Switch

WI-CGS5328-L3



## Overview

Wi-Tek L3 Managed Cloud Switch provide 8\*1000Mbps Combo Ports, 16\*1000Mbps SFP Slots, 4\*10Gbps SFP+ Slots.

Wi-Tek L3 Managed Cloud Switch provides a more efficient, simple, secure and easy-to-use remote management method, which facilitates the convenience of management and maintenance. Wi-Tek L3 Managed Cloud Switch supports intelligent deployment, automatic configuration of networking, abnormal alarms and other functions. As layer 3 Cloud Switch, it supports static routing, but also provides complete security policies, QoS policies, and diversified VLAN functions. Based on Wi-Tek L3 Managed Cloud Switch's features, it is applied in enterprises, communities, hotels, office networks, and campus networks, which can ensure high-efficient network operation.

## Features

### Outstanding Performance

WI-CGS5328-L3 use 4 10GB fibers, which can ensure smooth data delivery for high-bandwidth applications. Based on actual deployment needs, Users can flexibly select 10G fiber or copper ports. WI-CGS5328-L3 can render network aggregation of large-sized enterprises, or core deployment of small to medium-sized networks.

### Abundant L3 Features

WI-CGS5328-L3 support Layer 3 routing protocols that include Static Routing, RIP and OSPF, helping to build scalable, reliable networks. Multicast routing protocols such as MLD V1/V2 Snooping guarantee efficient routing for multicast groups.

### Network Quality Guarantee

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on a variety of means including Port Priority, 802.1P Priority and DSCP Priority, to ensure that voice and video are always clear, smooth.

### Cloud Platform Remote Management

Wi-Tek L3 Managed Cloud Switch 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 anywhere and anytime.

# Specifications



Model	WI-CGS5328-L3		
Hardware Specifications			
Interfaces			
Combo Port	8*1000Mbps Combo Ports		
SFP Slot	16*1000Mbps SFP Slots		
SFP+ Slot	4* 10Gbps SFP+ Slots		
Management Port	1*Console port		
Performance			
CPU	MIPS 800MHz		
Memory and Flash	DRAM:512MB    Flash:32MB		
Switch Property			
Standards and Protocols	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.1x, IEEE802.1q , IEEE802.1p, IEEE802.1d, IEEE802.1w,IEEE802.3ad		
Forwarding Mode	Store and Forward		
Switching Capacity	128 Gbps		
Packet Forwarding Rate	96 Mpps		
MAC Address Table	16 k		
Packet Buffer Memory	12 MB		
Jumbo Frame	12 kB		
Power Supply			
Input Power	AC 100–240V   50/60 Hz		
Power Consumption	Idle:115V 60Hz--16.9W 230V 50Hz--16.8W		
Physical Characteristics			
LED Indicators	PWR Indicator: On: the device power on is normal Off: the device is power off or failed System Indicator: Off:The device is abnormal Blinking:The device is working normally LNK/ACT Indicator : On: Port connected Off: Port disconnected Blinking: Data transmission.		



Model	WI-CGS5328-L3		
Physical Characteristics			
Buttons	Reset:Hold for >5 sec. to restore factory default.		
Fan Quantity	2		
Dimensions (W*D*H)	440*260*44mm		
Weight	Net Weight: 3.7 kg		
	Package Weight: 4.38kg		
Installation	Rack– Mounted		
Environmental			
Reliability	Surge Immunity: Differential mode ±2KV Common mode ±4KV		
	ESD Protection: Contact discharge ±6KV Air discharge ±8KV		
Operating Temperature	–10℃–50℃ (14°F–122°F)		
Operating Humidity	10– 90% RH non–condensing		
Storage Temperature	–40℃– 70 ℃ (–40°F–158°F)		
Storage Humidity	5– 90% RH non–condensing		
Certification			
Certification	CE, FCC, RoHS, UKCA, RCM		



Model	WI-CGS5328-L3	
Software Features		
System Config	Device Info	
	IP Config	Static IP
		Dynamic
	Web Config	Web Timeout
		HTTP
		HTTPS
		Security IP
		ACL
	User Management	User Management
		Authentication Method
	Firmware Upgrade	TFTP Service
		FTP Service
		HTTP Upgrade
	IPV4 ACL / IPV6ACL	TFTP
		HTTP
	NTP	
	User Priority	
Device Management	Device Reboot/Reset	
	Device Utilization	
	View System Config	
	View Logging Buffer	
	View Logging Flash	
Monitor Management	SSH Config	
	Telnet Config	
	Port Statistics	
	DDMI Status	
	Ping	
	Traceroute	
	Cable Diagnostics	



Model		WI-CGS5328-L3	
Software Features			
Monitor Management	SNMP Config	Global Config	
		User Config	
		Group Config	
		Community Config	
		View Config	
		Security IP Config	
		SNMP Statistics	
	Onvif Config	Server Config	
		Detect Config	
	Loopback Detection	Port Mode	
		VLAN Loopback	
	MQTT Configure	Enable	
		Disable	
		Discovery Configure	
	LLDP Config	Global Config	
		Port Config	
		TLV Config	
		Neighbor Info	
Switch Config	Port Config	Port Config	
		Port 10G Mode	
	Port Mirror		
	Port Isolate		
	Port Channel	Jumbo Frame	
		Port Rate	
		Storm Control	
	MAC Address Config	Static MAC	
		Black Hole MAC	
		Aging-time	
MAC Address List			



ModelWI-CGS5328-L3		
Software Features		
VLAN Config	VLAN Config	VLAN ID
		Show VLAN
		Port Config
	GVRP Config	GVRP Config
		GVRP Port
	QINQ	Enable Dot1q Tunnel
		Dot1g Tunnel TPID
Protocol VLAN		
DHCP Config	DHCP Server	Global Config
		Create Address Pool
		Dynamic Pool
		Default Gateway
		DNS Server
		Excluded Address
		Packet Statistics
		Client List
	DHCP Snooping	Global Config
		VLAN Config
		Static User Binding
		Helper-server Config
		Port Binding
		Trust Port
ACL Config	Time Range Config	
	IP ACL	IP Standard ACL
		IP Extended ACL(ICMP)
		IGMP
		TCP



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Software Features		
ACL Config	IP ACL	EIGRP
		GRE
		IGRP
		IPINIP
		OSPF
		IP
		Specified Protocol
	MAC ACL	MAC Standard ACL
		MAC Extended ACL
	MAC-IP Extended ACL	
ACL Binding	Binding Port	
	Binding Vlan	
Ring Network	Spanning-tree	Global Properties
		Instance Mapping
		Instance Properties
		Port Config
		Port Instance
		Status
	ERPS	ERPS Ring Config
		ERPS Instance Config
		View ERPS Statistics
Route Config	Static Route	
	RIP Route	Basic Config
		Network Config
		Passive Interface
		Neighbor Config
		Interface Config
	OSPF Route	Basic Config
		Network Config
		Passive Interface
		Area Config
		Interface Config
Routing Table		



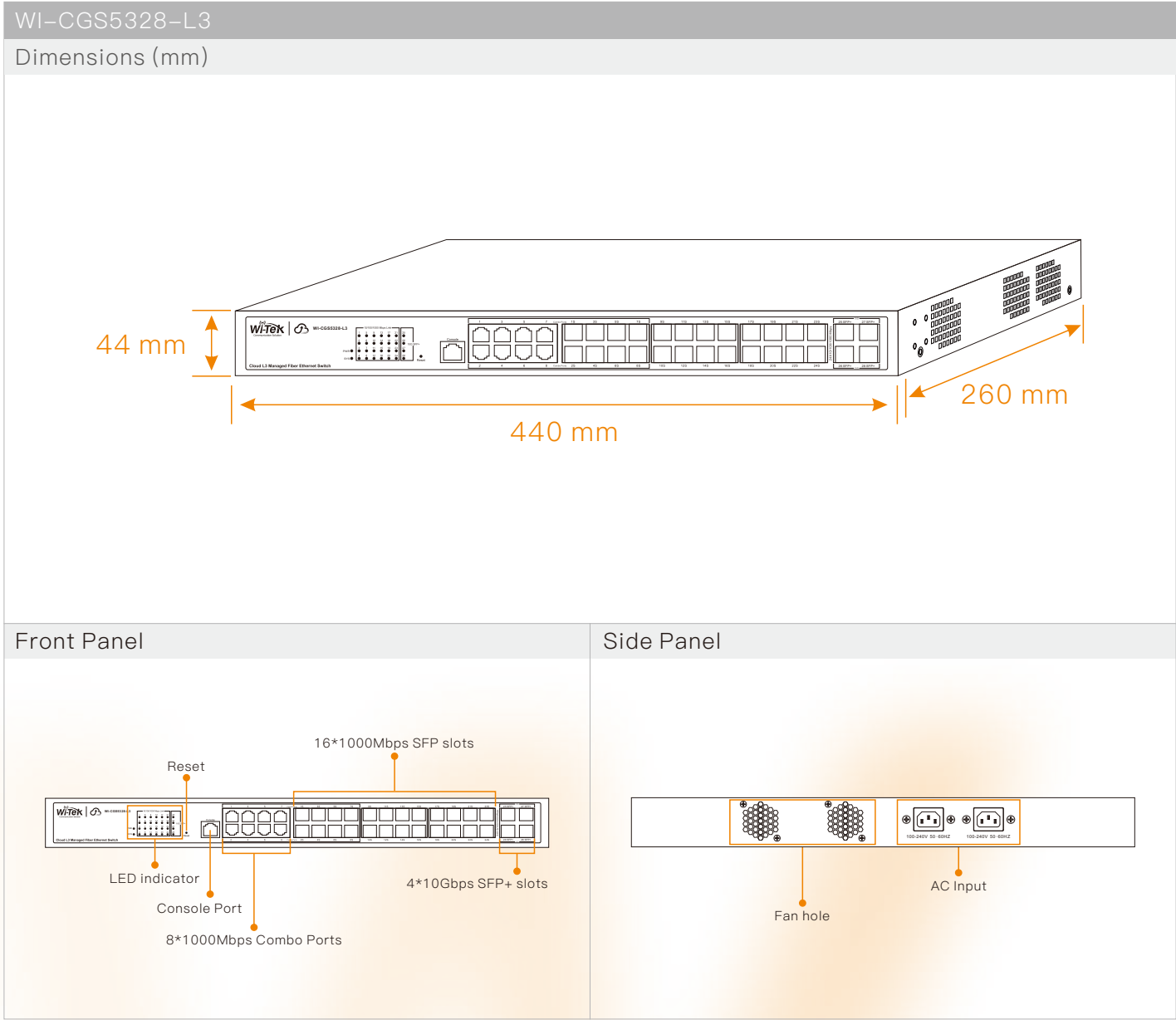
Model	WI-CGS5328-L3	
Software Features		
Multicast Manage	IGMP Snooping Config	Basic Config
		Static Router Port
		VLAN Config
		Querier Config
		Multicast Table
	MLD Snooping Config	Basic Config
		Static Router Port
		VLAN Config
		Querier Config
		Multicast Table
QoS Config	Port Config	Trust Config
		Weight Config
		CoS-To-IntP Map
		DSCP-To-IntP Map
		Policy Config
	Class-Map Config	Class-Map Config
		Class-Map Rule Config
	Policy-Map Config	Policy Name Config
		Policy Class Config
IPv6 Related Function	IPv6 Basic	IPv6 ND Snooping
	DHCPv6	DHCPv6 Server
		DHCPv6 Relay
		DHCPv6 Snooping
		IPv6 SAVI
		Security RA
	IPv6 Unicast Routing	Static Route
	Ipv6 Multicast Routing	MLD v1/V2 Snooping





Model		WI-CGS5328-L3
Software Features		
IPv6 Related Function	IPv6 Features	SNMP over IPv6 Support
		HTTP over IPv6 Support
		SSH over IPv6 Support
		DNS over IPv6 Support
		IPv6 ping/traceroute Support
		IPv6 Telnet Support
		IPv6 Radius+ Support
		IPv6 Tacacs+ Support
		IPv6 SNTP/NTP Support
		IPv6 FTP/TFTP Support
		IPv6 IPSec Support
		IPv6 ACL

# Appearances and Dimensions



# Package Contents

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

Items	Quantity
Cloud Switch	1 pcs
Quick Installation Guide	1 pcs
Serial line	1 pcs
Power Cord	1 pcs
Mounting Accessories	Hooks x 2, MATS x 4, Screws x 8



Wireless–Tek Technology Limited  
Address:Building 3, Units 1801–1807, 1812,  
Huaqiang Era Plaza, Tangwei Community,  
Fuhai Street, Bao’an District, Shenzhen City,  
Guangdong Province, China.  
Website:www.wireless–tek.com  
Tel:86–0755–32811290  
Email:sales@wireless–tek.com  
Technical Support:tech@wireless–tek.com



Technical Support



Cloud Management



Company Website