Wi-Tek
Communication Solution

We **I**nnovate, **T**ake you **E**xplore un**K**nown!

Cloud L2 Management Fiber Aggregation Switch
WI-CGS5018 | WI-CGS5026

Overview

Wi-Tek Cloud Switch Provides a more efficient, simple, secure and easy-to-use remote management method, supports intelligent deployment, automatic configuration of networking, abnormal alarms and other functions, without the need for professional IT operation and maintenance personnel, newbie can easily get started, support flexible 802.1Q VLAN, port aggregation, QoS, bandwidth control and other, easy to manage and maintain. Wi-Tek Cloud Switch is the cost-effective network solution for the ideal small and medium business.

Features

Flexible VLAN Division

In the enterprise office network, in order to isolate network access between different departments to avoid PCs infected by virus affecting the entire network, it is necessary to divide the interior into different VLANs to isolate the broadcast domain and improve the stability of the network. Wi-Tek Cloud Switch provides a convenient and flexible way to divide VLANs, allowing you to assign the ports to different VLANs as needed. Users in different VLANs do not affect each other, creating a more stable network for the users

Flexible VLAN Division

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 and jitter free. In conjunction with the Voice VLAN that the switches support,
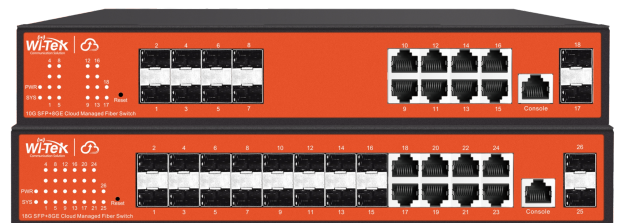
Reliability

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

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-CGS5018	WI-CGS5026
Hardware Specifications		
Interface	10x1000Mbps SFP Slots 8x10/100/1000Mbps RJ45 Ports 1xConsole Port	18x1000Mbps SFP Slots 8x10/100/1000Mbps RJ45 Ports 1xConsole Port
Port Standard	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)	
Power Supply	100-240 V AC~50/60 Hz	100-240 V AC~50/60 Hz
Switching Capacity	36Gbps	52Gbps
Packet Forwarding Rate	26.78Mpps	38.69Mpps
Jumbo Frame	10 KB	
MAC Address Table	8K	
Dimensions (W x D x H)	280*180*44mm	280*180*44mm
Fan Quantity	1 Fan	1 Fan
Protection Level	Common Mode ±4KV, Differential Mode ±2KV	
Electrostatic Standard	Contact 6KV, Air 8KV	
Transmission Mode	Store—Forward	
Installation	Rack-Mounted	
Software Features		
Spanning Tree	IEEE 802.1D -STP	
	IEEE 802.1w -RSTP	
	IEEE 802.1s -MSTP	
	BPDU Guard	
	STP Root Guard	
	Loop Detection	
VLAN	Management VLAN	
	Private VLAN	
	Voice VLAN	
	Monitor VLAN	
	Q-in-Q	
	Protocol-Based VLAN	
	MAC-Based VLAN	

Software Features		
Port	LACP	
	Static	
	EEE	
	Jumbo Frame	
	Error-Disable	
	Port mirroring(One-to-One Many-to-One Tx/Rx/Both)	
	Link Aggregation(Up to 8 aggregation groups and up to 8 ports per group)	
Security	Port Isolation	
	IEEE802.1x AAA	
	ACL support L2+/L3/L4 IPv6 ACL	
	Dynamic ARP Protection	
	Broadcast Storm	
	RADIUS/TACACS+	
	RADIUS Authentication (RFC2138)	
	SSH v1.5/v2.0	
	Anti-DDoS Attack	
	DHCP Snooping	
QOS	Ipv4 QoS (QCEs)	
	Ipv6 QoS (QCEs)	
	Priority Algorithm(WRR,Absolute Priority,DSCP & CS)	
	Class of Service(Port-Based,802.1p, CoS, DSCP, IP Priority, TCP/UDP IPv4/IPv6)	
	Bandwidth(Input /Output)	
L2 Multicast	IGMP Snooping v1/v2/v3	
	MLD Snooping v1/v2	
	MVR	
IPV6	Ipv6/IPv4	
	Ipv6 Web/SSL	
	Ipv6 SNTP	
	Ipv6 Telnet/SSH	
	Ipv6 Ping/Traceroute	
	Ipv6 TFTP	
	Ipv6 RADIUS/TACACS+	
	Ipv6 SNMP	

Software Features

Management	SNMP (v1, v2c, v3)
	RMON (1, 2, 3 & 9)
	Firmware Upgrade
	Configuration Export/import
	DHCP (Option 82, Option 66, Option 67)
	System Log Supports Event/Error Log
	Manage Access Control(Console Port, SNMP, HTTP/HTTPS, Telnet)
	LLDP (IEEE802.1AB)
	LLDP-MED
	UDLD
	DNS Client
	Traceroute
	Ping
	DDMI
	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

Others

Certification	CE, FCC, RoHS
Package Contents	Gigabit Switch
	Power Cord
	Quick Installation Guide
	Rubber Feet
Environment	Operating Temperature: 0–40 ℃ Storage Temperature: -40–70 ℃ Operating Humidity: 10–90% RH non-condensing Storage Humidity: 5–90% RH non-condensing

CE FC RoHS

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