Datasheet



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.

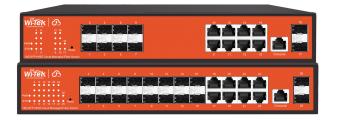
Features

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.

Datasheet =



Specifications





Model WI-CGS5018 WI-CGS5026 Hardware Specifications 10 x 1 0 0 0 Mbps SFP Slots 8 8 10 / 100 / 100 0 Mbps SFP Slots 8 8 10 / 100 / 100 0 Mbps SFP Slots 8 8 x 10 / 100 / 100 0 Mbps RJ45 Ports 1 x Console Port 18 x 1 0 0 0 Mbps SFP Slots 8 x 10 / 100 / 100 0 Mbps RJ45 Ports 1 x Console Port Port Standard IEEE 802.3i: 100BASE-T Fishernet; IEEE 802.3i: 000BASE-X Fast Ethernet; IEEE 802.3i: 000BASE-X Gigabit Ethernet (Optical fiber) Power Supply 100-240 V AC-50 / 60 Hz 100-240 V AC-50 / 60 Hz Switching Capacity 360bps 520bps 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 Spanning Tree IEEE 802.1b -STP IEEE 802.1s -MSTP BPDU Guard Loop Detection Management VLAN </th <th></th> <th>195 FF1-952 Coord Manager Page 1 3 8 7 8 11 13 18 Console 17</th> <th>ad 97 h 500 Close Manager Fare Sease 1 3 5 7 9 11 13 15 17 19 21 23 Commiss 25</th>		195 FF1-952 Coord Manager Page 1 3 8 7 8 11 13 18 Console 17	ad 97 h 500 Close Manager Fare Sease 1 3 5 7 9 11 13 15 17 19 21 23 Commiss 25		
Interface	Model	WI-CGS5018	WI-CGS5026		
Interface	Hardware Specifications	Hardware Specifications			
Port Standard IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3z:1000BASE-X Gigabit Ethernet (Opt-Colfober) Power Supply 100-240 V AC-50/60 Hz 100-240 V AC-50/60 Hz Switching Capacity 366bps 526bps Packet Forwarding Rate 26.76Mpps 38.69Mpps Jumbo Frame 10 KB	Interface	8x10/100/1000Mbps RJ45 Ports	8x10/100/1000Mbps RJ45 Ports		
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 IEEE 802.1D - STP IEEE 802.1b - STP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Worker Monitor VLAN Q-in-Q Protocol-Based VLAN	Port Standard	IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet;			
Packet Forwarding Rate 26.78Mpps 38.69Mpps Jumbo Frame 10 KB MAC Address Table 8K Dimensions (WxDxH) 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 IEEE 802.1D - STP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN VLAN VLAN Woice VLAN VLAN O-in-Q Protocol-Based VLAN	Power Supply	100-240 V AC~50/60 Hz	100-240 V AC~50/60 Hz		
Jumbo Frame 10 KB MAC Address Table 8K Dimensions (WxDxH) 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 IEEE 802.1D -STP IEEE 802.1w -RSTP IEEE 802.1s -MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN	Switching Capacity	36Gbps	52Gbps		
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 IEEE 802.1D-STP IEEE 802.1w-RSTP IEEE 802.1s -MSTP BPDU Guard STP Root Guard Loop Detection Wanagement VLAN Private VLAN VILAN Woice VLAN Woice VLAN VLAN O-in-Q Protocol-Based VLAN	Packet Forwarding Rate	26.78Mpps	38.69Mpps		
Dimensions (WxDxH) 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 IEEE 802.1D-STP IEEE 802.1w-RSTP IEEE 802.1s-MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN	Jumbo Frame	10 KB			
Fan Quantity	MAC Address Table	8K			
Protection Level Common Mode ±4KV, Differential Mode ±2KV Electrostatic Standard Contact 6KV, Air 8KV Transmission Mode Store—Forward Installation Rack-Mounted Spanning Tree IEEE 802.1D - STP IEEE 802.1v - RSTP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Voice VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN	Dimensions (WxDxH)	280*180*44mm	280*180*44mm		
Contact 6KV, Air 8KV	Fan Quantity	1 Fan	1 Fan		
Transmission Mode Store—Forward Installation Rack-Mounted Software Features IEEE 802.1D - STP IEEE 802.1w - RSTP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN VLAN World VLAN VLAN World VLAN VLAN VLAN VLAN World VLAN	Protection Level	Common Mode ±4KV, Differential Mode ±2KV			
Software Features IEEE 802.1D - STP IEEE 802.1w - RSTP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection VLAN	Electrostatic Standard	Contact 6KV, Air 8KV			
Software Features IEEE 802.1D - STP IEEE 802.1w - RSTP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Voice VLAN Q-in-Q Protocol-Based VLAN	Transmission Mode	Store—Forward			
IEEE 802.1D - STP IEEE 802.1w - RSTP IEEE 802.1s - MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Voice VLAN Q-in-Q Protocol-Based VLAN	Installation	Rack-Mounted			
IEEE 802.1w -RSTP IEEE 802.1s -MSTP BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN	Software Features				
IEEE 802.1s -MSTP		IEEE 802.1D -STP			
Spanning Tree BPDU Guard STP Root Guard Loop Detection Management VLAN Private VLAN Voice VLAN Wonitor VLAN Q-in-Q Protocol-Based VLAN	Spanning Tree	IEEE 802.1w-RSTP			
## STP Root Guard Loop Detection		IEEE 802.1s -MSTP			
Loop Detection		BPDU Guard			
Management VLAN		STP Root Guard			
Private VLAN		Loop Detection			
VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN		Management VLAN			
VLAN Monitor VLAN Q-in-Q Protocol-Based VLAN		Private VLAN			
Q-in-Q Protocol-Based VLAN	VLAN	Voice VLAN			
Protocol-Based VLAN		Monitor VLAN			
		Q-in-Q			
MAC-Based VLAN		Protocol-Based VLAN			
		MAC-Based VLAN			

Datasheet =



Software Features		
	LACP	
Port	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	
	Ipv4 QoS (QCEs)	
	Ipv6 QoS (QCEs)	
QOS	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		
	SNMP (v1, v2c, v3)	
Management	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)	
	ONVIF (ONVIF Detection, ONVIF Server(NLM))	
	Batch Firmware Upgrading	
	Intelligent Network Monitoring	
	Abnormal Event Warnings	
A door	Automatic Device Discovery	
Advanced Features	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 °C Storage Temperature: -40–70 °C Operating Humidity: 10–90% RH non-condensing Storage Humidity: 5–90% RH non-condensing	



Wireless-Tek Technology Limited

Address: Room 402 4F, BiaoFan Technology Building, Bao'An

Avenue, FuYong Town, Bao'An district, ShenZhen

Website:www.wireless-tek.com

Tel:86-0755-32811290

Email:sales@wireless-tek.com

Technical Support:tech@wireless-tek.com







Cloud Management



Company Website

©2022 Wireless-tek Technology Limited. All Rights Reserved.

Version, V2.0, updated 2022.3.25.

The information in this document is subject to change without notice.

Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.