- 24 ports 10/100/1000Mbps with 4 Port SFP and 4 Gigabit Uplink PoE switch

- Fully IEEE802.3af/at standard compliant.

- The Max. PoE output for each port is up to 30W

- Supports PoE power up to 450W for all PoE ports

- Safe and reliable power to most of PoE end devices

24 Port Gigabit Managed PoE Switch with 4 Port SFP and 4 Port Gigabit Combo Uplink

Overview

24 ports 10/100/1000Mbps with 4 ports Gigabit Uplink and 4 Port SFP PoE Switch, PoE switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. Each RJ45 port supports MDI/MDIX auto-flip and wire-speed forwarding. It can be used for any 10/100/1000Mbps link and 24 PoE ports can supply standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af/at end devices. In addition, the PoE switch automatically determines PoE requirements, speed, and duplex. Easy to operate and reliable.

Provide comprehensive security protection system, perfect QoS policy and flexible VLAN function, simple management and maintenance, meet the access and networking requirements of enterprises, communities, hotels, office networks and campus networks, suitable for hotels, campuses, factory quarters and middle schools. Small businesses form a cost-effective network. Supports the SmartLink power management function, which enables the PoE port priority mechanism to be powered off when the system is overloaded, cuts off the power supply of the port with the lower priority and lower priority, ensures that the critical equipment is preferentially powered, and the switch is overloaded run to protect the switch.

Specifications

Model	CGS-24x4SFW	
Ports Description	**POE Port**	*Port 1-24 :* Gigabit Auto-Negotiation RJ45
	Uplink Port	*Port 25-28 :* Gigabit Auto-Negotiation RJ45
		Port 25-28 : Gigabit SFP Ports
POE Power	**MAX Poe Output**	30W
	Total Power Consumption	450W
	Poe Port Priority	Support
LED Indicators	PWR、Link/Act	
Processing Types	Store And Forward	
Transmission Model	IEEE802.3X Full-Duplex And Backpressure Half-Duplex	
Performance	**Backplane Bandwidth**	64Gbps
	Packet Forwarding Rate	41.7Mpps
	MAC Address	8K
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow Control IEEE802.3af Power Over Ethernet IEEE802.3at Power Over Ethernet IEEE802.3az EEE	
Input Voltage	AC 100~240V 50/60Hz	
Dimension	440mm(L) * 285mm(W) *44mm(H)	
Cable Requirements	UTP Cat5 or Above	
Environment	*Operating Temperature :* -10℃~45℃	
	Storage Temperature : -20℃~70℃	
	Operating Humidity : 10％~90％	
	Storage Humidity : 5％~95％	

Network Management Functions

System Status	**System Information**	System Message
	IP Address	Static IP Address, Automatic DHCP Acquisition
	Time Configuration	System Time, SNTP Configuration
	Log Information	Log Server, Local Log, Remote Settings
	SNMP	SNMP Configuration, SNMP View, SNMP Access Group, SNMP Team, SNMP User,
Port Info		Port Configuration, Port Count, Bandwidth Information, Mirror Configuration, Jumbo Frame, Error Recovery Configuration, Error Recovery Status
Port Aggregation		LAG Configuration, LAG Management, LAG Port Configuration, ACP Configuration, LACP Port Configuration, LAG Port Status
VLAN		Create A VLAN, Interface Configuration, Port Join VLAN, Port VLAN Member, Protocol VLAN Group and Protocol VLAN Port Configuration.
Generate		STP Global Configuration, STP Port Configuration, CIST Instance Configuration, CIST Port Configuration, MST Instance Configuration, MST Port Configuration , STP Statistics
Multicast Management	**Attribute Configuration**	*
	IGMP Monitor	IGMP Configuration, IGMP Query Configuration, IGMP Static Group, IGMP Multicast Table, IGMP Router Configuration, IGMP Routing Table, IGMP Forwarding All
	IGMP Statistics	*
	Multicast Configuration	*
	Multicast Filtering	Multicast Preprocessing Configuration, IGMP Filtering Configuration, MLD Filtering Configuration
Maintain		Restore Factory, Restart Switch, Backup Management, Upgrade Management, Dual System, Configuration Management, User Configuration, Login Password, Multi-Language
QoS	**Basic Configuration**	QoS Attribute Configuration, Port Configuration, Queue Configuration, Cos Mapping, DSCP, IP Precedence Mapping

	QoS Basic Mode	Global Configuration, Port Configuration
	QoS Advanced Mode	Global Mode, Class Mapping, Aggregation Policy, Policy Table, Policy Class Mapping, Policy Binding
	Flow Control	Input Port Configuration, Input VLAN Configuration, Output Port Configuration, Output Queue Configuration
Equipment Safety	**Storm Control**	Global Configuration, Port Configuration
	802.1X	802.1X Configuration, 802.1X Port Configuration, Guest VLAN Port Configuration, And Authentication Host
	DHCP Monitoring	Global Configuration, VLAN Configuration, Port Configuration, Statistics, Flow Control, Option 82 Rule Configuration, Option 82 Port Configuration, Option 82 Circuit-Id Configuration
	Port Security	*
	AAA	Login List, Status List, Billing List, Billing Update
	TACACS+Server	*
	Radius Server	*
	Access	Console、Telnet、HTTP、HTTPS
ACL	MAC-Based ACL, MAC-Based ACE, Ipv4-Based ACL, Ipv4-Based ACE, ACL Binding	
MAC Address Table	Static MAC Settings, MAC Filtering, Dynamic MAC Configuration, Dynamic Learning, RMA Configuration	
LLDP	**LLDP Global Configuration**	LLDP Global Configuration, LLDP Port Configuration, LLDP Local Device, LLDP Neighbor Information, MED Network Proxy, MED Port Configuration, LLDP Overload
	LLDP Port Configuration, LLDP Local Device, LLDP Neighbor Information, MED Network Proxy, MED Port Configuration, LLDP Overload And LLDP Statistics	
Diagnostic Tools	System Status, Ping, Ipv6 Ping	
RMON	Statistics, Events, Event Logs, Alarms, Historical Samples, Historical Sampling Logs	