

# HSGQ-5528



## Product Description

24×GE+4×10G SFP+ L3 Managed Industrial Switch, support 24×GE+ 4 SFP+ port, 1 Console port., providing complete security policy, perfect QoS policy and rich VLAN function, easy to manage and maintain, meeting the networking and access requirements of enterprises, communities, hotels, office networks and campus networks.

## Software Specifications

Interface	
Downlink Ports	24×GE RJ45
Uplink Ports	4×10G SFP+
Console	1×RS-232 (115200,8,N,1)
Switch Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p, IEEE 802.3ad, IEEE 802.1d, IEEE 802.1x
Forwarding Modes	Store and Forward
Packet Buffer	12Mbit
MAC Table	32k
Switching Capacity	128Gbps / non-blocking
Packet Forwarding Rate	95Mpps
Jumbo Frame	12kB
Power Supply	
Input Voltage	AC100V-240V, 50Hz/60Hz
Power Consumption	35W
Reliability	
ESD Protection	8kV Contact Discharge, 15kV Air Discharge, Standard: IEC61000-4-2
MTBF	10W h
MTBF Standards	Telcordia SR-332, 25°C
Operating Temperature	-10°C~55°C
Storage Temperature	-40°C~85°C
Operating Humidity	10%~95%(Non-condensation)
Storage Humidity	5%~95%(Non-condensation)
Physical Parameter	
Led Indicators	1×Power supply indicators
	1×System working indicator
	24×RJ45 status indicator
	4×Optical port status indicator
Reset Button	Short press to restart the switch, long press >7s to initialise the system
Dimensions (W*D*H)	440×220×44mm
Net Weight	1.9 kG
Material	Metal
Desktop/DIN-Rail/Wall Mounted	Desktop/rack-mounted

## Software Specifications

System Management		
Port Mirroring	Enable and Disable	Mirror Port Range
	Monitor Port	Collect Data
SNMP	Enable and Disable	Read-only Group Name
	SNMP Version	SNMP Gateway
	Read and Write Group Name	
	SNMP V3: User Name, Read And Write Mode Identity Authentication, Verify Password, Encryption Protocol, Encryption Password	
Time	Local Time	NTP Sever
	World Time Zone	System Time
	Using NTP	PC Time
	Automatically Adjust Daylight Saving Time	
Syslog	Enable and Disable	Information Processing
	Show Type	
Management	Restore Factory Value	System Reboot
	Upload Configuration File	System Upgrade
	Download Configuration File	
User Setting	Access Privilege	Change Password
	Username	
Security		
Static Address Lock	Enable and Disable	
	MAC Address, VLAN ID, Port	

## Software Specifications

System State		
Running Status	Device Name	Built Time
	Product Model	System Time
	System Version	Current Time
	Firmware Version	Running Time
	Hardware Version	Memory Usage
	MAC Address	CPU Usage
Traffic Monitor	Received Rate Statistics	Sent Rate Statistics
System Monitor	Enable and Disable	Interval
	Max Monitor Count	
MAC Address Table	MAC Address Table	Sort Type
Port Setting	Port State	Traffic Control
	Port Speed	Port Range
	Duplex Mode	
Rate Limit	Enable and Disable	Input Speed Limit
	Port Range	Output Speed Limit
802.1P QoS	Enable and Disable	802.1p Mark Range
	QoS Priority	802.1p Priority
	802.1p QoS Setting	
	IP Service	
Interface IP	Network Interface(VID)	Static IP
	IPv4 Address	
DHCP Server	Client Lease Time	Network Interface(VID)
	Preferred DNS Address	Default Gateway
	Backup DNS Address	Start IP Address
	WINS Server	Max Client Number
IP Routing		
OSPF	Enable and Disable	Region Type
	OSPF Host ID	Network Interface
	Region ID	
Routing Table	Target Network	Path Consumption
	Next Hop Address	
IP Multicast		
IGMP Snooping	Enable and Disable	IGMP Query setting
	Group Member Alive Time	
Reliability		
Rapid Spanning Tree	Enable and Disable	Device Priority
	RSTP/MSTP Version	Port State Transition Delay
	Message Sending Period	Modify Configuration
	This Bridge Update Message	
	Message Maximum Lifetime	
Loopback Protect	Port Range	Enable and Disable
	Port Loop Detection	Disable Loop Port Time
	Protect Automatic Recovery	

## Key Feature

- Support IEEE 802.1d, IEEE 802.1w, IEEE 802.1s, IEEE 802.1p, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3ae Standard
- L3 Management, Support DHCP Server, DHCP Snooping, DHCP Relay, Static Routing, RIP and OSPF
- Support RSTP/MSTP
- Support VLAN function, Port VLAN, translation and Q-in-Q

## Ordering Information

Product Model	Description
HSGQ-5528	24×GE + 4×10G

For more information, please visit: <http://www.hsgq.com>

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