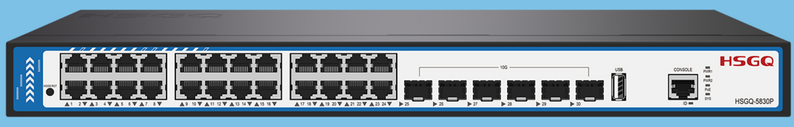
HSGQ-5830P



Product Description

HSGQ 5830P is a L3 Managed PoE Switch, it offers 24*2.5GE PoE+ 6*10G SFP+ port, 1USB port and 1 Console port., providing complete security policy, perfect QoS policy and VLAN function, easy to manage and maintain, meeting the networking and access requirements of enterprises, communities, hotels, office networks and campus networks.

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 and IEEE 802.3af/at
- L3 Management, Support DHCP Server, DHCP Snooping, DHCP Relay, Static Routing, RIP and OSFP
- Support RSTP/MSTP
- Support VLAN function, Port VLAN, translation and Q-in-Q

Hardware Specication

Interface	
Downlink Ports	24*2.5GE RJ45
Uplink Ports	6*10G SFP+
Console	1*RS-232 (115200,8,N,1)
USB	1*USB 2.0
PoE	
PoE Standard	IEEE802.3af/at (PSE)
PoEPowerSupplyType	End-span
PoEPinAssignment	1/2(-), 3/6(+)
PoEPowerOutput	46~55VDC
PoEPower	30Wmaxforeachport,360Wmax
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	16Mbit
MAC Table	32K
Switching Capacity	240Gbps / non-blocking
Packet Forwarding Rate	178.56Mpps
Jumbo Frame	12KB
Power Supply	
Input Voltage	AC100V-240V, 50Hz/60Hz
Power Consumption	<48W
Reliability	
ESD Protection	8kV Contact Discharge, 15kV Air Discharge, Standard: IEC61000-4-2
MTBF	100,000 hour
MTBF Standards	Telcordia SR-332, 25℃
Operating Temperature	-20℃~55℃
Storage Temperature	-40℃~85℃
Operating Humidity	5%~95%(Non-condensing)
Physical Parameter	
Led Indicators	2*power supply indicators 1*system working indicator 24*RJ45 status indicator or PoE status indicator 6*optical port status indicator
Reset Button	Click change LED mode, press 3-10S reset user info, IP and password, long press ＞10s to reset the equipment
Dimensions (W*D*H)	442*260*44mm
Net Weight	3.5kG (Single power supply); 4.1kg (dual power supply)
Material	Stainless Steel
Installation	Desktop/rack-mounted

Packing List

Product Model	Quantity
Switch	1pc
USB-RJ45 Serial Cable	1pc
Power Cable	1pc
Installation Accessories	1set
Warranty Card	1pc

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	Max Monitor Count
	Interval	
MAC Address Table	MAC Address Table	Sort Type
Port Setting	Port State	Traffic Control
	Port Speed	Port Range
	Duplex Mode	
PoE Setting	Power Setting	Power Status
	Port Status and Control	
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	Static IP	IPv4 Address
	Network Interface(VID)	
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		
RIP	Enable and Disable	Network Interface
	Protocol Type	
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
	MAC Address, VLAN ID, Port	
Security		
Static Address Lock	Enable and Disable	
	MAC Address, VLAN ID, Port	
Reliability		
Rapid Spanning Tree Protoco	Message Sending Period	Modify Configuration
	Message Maximum Lifetime	Enable and Disable
	Port State Transition Delay	RSTP/MSTP Version
	This Bridge Update Message	Device Priority
Loopback Protect	Enable and Disable	Port Range
	Protect Automatic Recovery	Port Loop Detection
	Disable Loop Port Time	
System Management		
Port Mirroring	Enable and Disable	Mirror Port Range
	Monitor Port	Collect Data
SNMP	Enable and Disable	SNMP Gateway
	Read-only Group Name	SNMP Version
	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	Show Type
	Information Processing	Restore Factory Value
Management	Download Configuration File	System Reboot
	Upload Configuration File	
	System Upgrade	
User Setting	Access Privilege	Change Password
	Username	

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

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