HF-SG24G4F4M-400W

Product Features :

- ≥ 24x10/100/1000Mbps RJ45 port (support POE+)
- ≥ 4x10/100/1000Mbps RJ45 uplink port
- ≥ 4x1000Mbps RJ45 uplink port
- ≥ 1xConsole RJ45 port
- ≥ Supply 802.1QVLAN, port VLAN, QoS, bandwidth control and storm control
- ≥ Supply port trunk, port mirroring, port monitoring, cable detection and loopback protection
- ≥ Supply web management, VLAN and standard switching

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Specifications :

HARDWARE SPECIFICATION

Support Criteria	IEEE 802.3, 802.3u, 802.3x, 802.3af/at, CSMA/CD, TCP/IP
Port	24x10/100/1000 Adaptive port,
	support POE function,
	4x10/1001000M Combo port,
	1xConsole port
Basic Function	Compatible with IEEE 802.3AF/AT compliant
	Powered Devices (PD)
	Port power priority feature
	Wire-speed forwarding
	MAC self-learning and aging
	IEEE802.3X Full-duplex and backpressure for
	half-duplex mode
Backplane bandwidth	52Gbps
MAC Addresses List	8K
Forwarding mode	Store and forward
Forwarding method	10BASE-T: 14880PPS/port
	100BASE-T: 148800PPS/port
	1000BASE-T: 1488000PPS/port
Forwarding rate	41.7Mpps
LED indicator	Power, SYS, Link/Act: 10/100/1000Mbps, POE
Environment	Operating Temperature : -10℃ - -55℃
Power	Built in power base board
	Input: 220V, 50HZ, Output: DC52V±5%, 7.7A
	Whole power ≤400W
Weight & Size	4.4KG
	440mm×284mm×44mm (L×W×H)

SOFTWARE SPECIFICATION

Port Management	Enable/Disable port
	Speed, duplex, MTU setting
	Flow-control setting
	Port information view
Port Mirroring	Support port and aggregation group access direction
Port Speed Limiting	Support port speed limit, the granularity of the speed limit is determined by the chip
Port Isolation	Support port isolation setting
Storm control	Support location unicast, unknown multicast, broadcast storm control
Link Aggregation	Support static manual aggregation, support VLACP dynamic aggregation
VLAN	Access/Trunk/Hybrid
	Support VLAN division based on port, protocol and MAC, support QINQ
	Support GVRP dynamic VLAN registration
	Voice VLAN (support required)
MAC	Support static add and delete
	MAC address learning quantity limit
	Support dynamic aging time setting
Spanning Tree	Support 802.1d (STP);
	Support IGMP-snooping;
	Support 802.1S (MSTP)
Multicasting	Support static add and delete;
	Support IGMP-snooping;
	Support MLD-snooping;
	Support V1/2/3dynamic multicast snooping
DDM	Support SFP/SFP+DDM

ACL	Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port number
QOS	Classification based on 802.1P (COS); classification based on DSCP.
	Classification based on source IP, destination IP, port number; support for SP, WRR scheduling policies
	Support traffic speed limit CAR
LLDP	Support LLDP link discovery protocol
User Setting	Add/Remove Users
Log	User login, operation, status, event record log
Anti-attack	DOS Defense
	Support for CPU protection, limiting the rate of upgoing CPU messages
	ARP binding (IP, MAC, PORT binding)
Certification	Support 802.1X port authentication; support AAA authentication
Network Diagnosis	Support ping, telnet, trace
System Administration	Device reset, configuration save/revert, upgrade management, time setting, etc.

MANAGEMENT FUNCTION

CLI	Support serial port command line management
TELNET	Support telnet remote management
SSH	Support SSHV1/2 remote management
SNMP	Support V1/2/3
	Support trap: cold start, warm start, link down, link up
Web	Support two levels of settings, two or three levels of view
RMON	Support RMONV1
POE Configuration	POE configuration, POE scheduling management, etc.