HF-SG16G2F2-300W

Product Features :

- ≥ 16x1000Mbps PoE ports
- ≥ 2x1000Mbps Uplink ports
- ≥ 2x1000Mbps SFP ports
- ≥ Support L2 management, such as VLAN, QoS, IGMP Snooping and PoE management.
- ≥ WEB, TELNET, CLI management
- ≥ Port lightning protection 4KV

An ISO 9001:2008 Certified Company

Specifications :

NETWORK SPECIFICATION

Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.1Q, IEEE 802.1p
Network Medium	10/100/1000BASE-TX: 5 class and above non shielded twisted pair
Data Distance	≤100M
Switch Capability	40Gbps
Forwarding Rate	10BASE-tx: 14880pps/port
	100BASE-tx: 148800pps/port
	1000BASE-tx: 1488000pps/port
MAC Address	MAC address table 8K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
Forwarding Rate of Packet	29.76Mpps

SOFTWARE SPECIFICATION

Web management	Support Double IP;
	Default IP: 10.77.88.100
	Default management IP: Obtain automatically via DHCP; can also log in the management page to set it as a static IP;
	User: admin, Password: admin
Management IP	Support static IP settings
	Support DHCP dynamic acquisition
User Setting	Support change user name, change log-in password

Port Management	Support port disabling and enabling; Support MTU setting Support speed, duplex, and flow control settings
Link Aggregation	Supports up to 4 aggregation groups, with a maximum of 8 members per group;
Port Isolation	Support port isolation
loopback protection	Support loopback protection
Port Mirroring	Supports up to 4 sets of mirror sessions; Support mirroring of incoming and outgoing directional messages for ports and aggregation groups
Port speed limit	Support limits the speed of port's in and out
EEE	Support energy-saving Ethernet protocol
PoE	Support PoE configuration
SNMP	Support SNMP v1&v2c; Support SNMP Traps Traps type: device cold and hot start, port up&down, authentication failure
Spanning Tree	Support STP, RSTP
LLDP	Support LLDP link layer discovery protocol
VLAN	Support port VLAN Support 802.1Q VLAN Support Voice VLAN Support Surveillance VLAN
QOS	Support 802.1p (COS) classification, DSCP classification, and port classification. Support SP, WRR, WFQ scheduling strategies
Multicast	Support IGMP Querier

MAC management	Support limit on the number of port MAC address learning
	Support adding and deleting static MAC addresses
	Support search of MAC address
	Support dynamic MAC address table viewing
Storm Suppression	Support storm suppression for unknown unicast, multicast, and broadcast packets
Traffic Monitoring	Support monitoring of the number of bytes sent and received, as well as the number of messages sent and received
Cable Tester	Support detection of cable status and cable length
DHCP Snooping	Support trust port settings; Support DHCP Option 82 configuration
Cloud-network Link	APP cloud management
Network Diagnosis	Support PING
System Management	Support system upgrade
	Support system backup and restore
	Support reset
	Support Web restart
	Support configuration saving;
	Support switching between Chinese and English
	Support system name modification

POE POWER SUPPLY

PoE Protocol	IEEE 802.3af/at
Output Power of PoE Port	Single Port≤30W
PoE Output Voltage	DC52V±5%

PoE Power Pin	1/2+, 3/6-
PoE Power Distance	≤250m
Network Medium	10/100/1000BASE-TX: 5 class and above non shielded twisted pair
Whole Power	MAX: 250W

GENERAL

Working Temperature	-10℃-55℃
Storage Temperature	-40℃-85℃
Working Humidity	10% to 90% relative humidity (non-condensing)
Storage Humidity	5% to 95% relative humidity (non-condensing)
Weight	Bare metal: 1550g±5%
	Finished product: 2050g±5%
Dimensions	Bare Metal: (Length)270mmx(Width)181mmx(High)44mm
	Finished Product Size: (Length)350mmx(Width)240mmx(High)90mm