

HF-SIG04G0F2-120WN



Product Features

- ≥ 4 x 10/100/1000Base-T PoE ports (Data/ Power),
2 x 100/1000Base-X uplink SFP fiber ports (Data)
- ≥ Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- ≥ Support remote PoE management function, realize remote power on/off of PoE port, check port power status, query PoE port fault, etc.
- ≥ Remote upgrade, remote restart, and factory reset.
- ≥ Local platform, cloud platform, and mobile APP operation and maintenance management
- ≥ Visualized network topology management, VLAN division, QoS, link aggregation, ring network management, port mirroring, port control, and bandwidth management.
- ≥ The user-friendly panel can show the device status through the LED indicator of SYS, Link, and L/A.
- ≥ Low power consumption, no fan, aluminum shell, and excellent heat dissipation to ensure the stable operation of the switch.



Specifications:

Network Port	4 x 10/100/1000Base-T PoE ports (Data/ Power) 2 x 100/1000Base-X uplink SFP fiber ports (Data) 2 sets V+, V- redundant DC power port
Ethernet Port	Port 1-4 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e/6 or later UTP (≤100 meters)
Optical Fiber Port	Gigabit optical interface, default no included optical module
Optical Cable	Multi-mode: 850nm/ 0-500m, Single-mode: 1310nm/0-40km, 1550nm
Distance	0-120km

PARAMETER

Network Management Type	L2
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3x Store and Forward (Full wire-speed)
Forwarding Mode	12Gbps (non-blocking)
Switching Capacity	8.93Mpps
Forwarding Rate @64byte	2K
MAC	2M
Buffer Memory	9.2K
Jumbo Frame	Power/ System: SYS (Green), Network: Link (Yellow), PoE: PoE(Green), Fiber port: L/A (Green)
LED Indicator	Press and hold for 6 seconds and release to restore the factory default settings. Short press 2 times (1 second interval) to switch to the unmanaged state
Reset Switch	



POE & POWER SUPPLY

PoE Port	Port 1-4
PoE Management	Port PoE output on/off, Port PoE real-time power view
Power Supply Pin	1/2 (+) 3/6 (-)
Max Power Per Port	30W, IEEE 802.3 af/at
Power Consumption	Standby<6W, Full load af<60W, at<120W
Power Input Port	DC48-57V, 5P industrial Phoenix terminal, support anti-reverse protection
Power Supply	No, optional 48V/60W or 48V/120W industrial power supply

PHYSICAL PARAMETER

Operation Temperature	-40°C~+75°C
Humidity	5%~90% RH Non condensing
Storage Temperature	-40°C~+85°C
Humidity	5%~95% RH Non condensing
Dimension (L*W*H)	119*100*30mm
Net /Gross Weight	0.4kg/ 0.5kg

NETWORK MANAGEMENT FEATURE

Interface	EEE Energy-saving and green Ethernet function Port traffic statistics, IEEE 802.3x flow control (Full-duplex) Port status display, Port duplex/ negotiation rate configuration
VLAN	Port-based IEEE802.1Q VLAN configuration (4K)
Port Aggregation	Static aggregation
Loop Protection	Loop protection function
Multicast	IGMP Snooping v1/v2, Max 256 multicast groups
Port Mirroring	Bidirectional data mirroring based on port
QoS	Diff-Serv QoS, Priority Mark/ Remark 8 Output queues of each port, 802.1p/DSCP priority mapping



Security

Broadcast storm control, Port isolation,

Port speed limit

DHCP

DHCP Snooping

Management

Mobile APP operation and maintenance management

NMS platform management

(Local platform/ Cloud platform)

One-key recovery, Cable Diagnose,

Web Management (https)



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