

HF-SIG08G0F2-120WN



Product Features

- ≥ 8 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
- ≥ Real-time fault alarm and fault location.
- ≥ 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



Specifications:

Network Port	8 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	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
Forwarding Mode	Store and Forward (Full wire-speed)
Switching Capacity	20Gbps (non-blocking)
Forwarding Rate @64byte	14.88Mpps
MAC	8K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power/ System: SYS (Green), Network: Link (Yellow), PoE: PoE(Green), Fiber port: L/A (Green)



Reset Switch

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

POE & POWER SUPPLY

PoE Port

Port 1-8

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<8W, Full load af<120W, at<240W

Power Input Port

DC48-57V

Power Supply

No,

optional 48V/120W or 48V/240W 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)

145*134.5*47mm

Net /Gross Weight

0.75kg / 1.0kg

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

Port-based IEEE802.1Q VLAN configuration (4K)

Static aggregation

Loop protection function

IGMP Snooping v1/v2, Max 256 multicast groups

Bidirectional data mirroring based on port

VLAN

Port Aggregation

Loop Protection

Multicast

Port Mirroring



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)

