

**OverView:**

- Original 8 Port Gigabit Uplink
- Industrial PoE Fiber Switch
- 8*1000M POE + 2*1000M SFP+2*1000M RJ45 ports
- Industrial PoE Switch, 1-8 ports support IEEE 802.3af/at;
- PoE port support AF/AT intelligent recognition. Standard
- power is 15.4W/port, Maximum power: 30W/port; With the
- Dial code switch, 1-8 Ports
- support watch dog function, Priority port, Port self-healing, Vlan & 250M long distance, video monitoring and isolation mode.
- PoE default: 1, 2(+)/3, 6(-),
- Operation TEMP: -40~85°C
- Input voltage: DC48-57V, Redundant dual power 5-bit
- industrial terminals;
- IP protection level: IP40; Rail-type installation;

Ethernet Interface:

Model :

- HOP3412S1312-2TP

Interface:

- 8*10/100/1000Base-T PoE ports (Data/Power)
- 2*10/100/1000Base-T RJ45 ports (Data)
- 2*100/1000Base-X SFP slot ports (Data)
- 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)

Network Protocol:

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-T/TX
- IEEE802.3ab 1000BASE-T
- IEEE802.3z 1000BASE-X
- IEEE802.3u 100BASE-FX
- IEEE802.3x.

PoE Standard:

- IEEE802.3af/at

Feature:

- With the Dial code switch, support port priority by default.
- E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters;
- V: Turn on, 1-4 Port support each port Isolation & VLAN;
- D: Turn on, 1-4 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale.

SFP Port Characteristic:

- Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (optional order mode / multi-mode, single fiber / double fiber optical module.

Forwarding Mode:

- Store and Forward

Switching Capacity: 17.856 Gbps (Non-blocking)

Forwarding Rate @64byte: 8.93Mpps

MAC: 8K

Buffer Memory: 4M

Ethernet Interface:

- Jumbo Frame: 10K
- Twisted Pair Transmission:
- 10BASE-T: Cat3,4,5 UTP (≤100 meter)
 - 100BASE-TX: Cat5 or later UTP (≤100 meter)
 - 1000BASE-T: Cat5e or later UTP (≤100 meter)
- Optical Cable:
- Multimode: 850nm 0 ~ 500M, 1310nm 0~2KM;
 - Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
- Power Supply Pin:
- Default 1/2 (+), 3/6 (-)
- Working Voltage:
- 48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
- Max/ Average Power Per Port:
- 30W/ 15.4W; IEEE802.3af/at
- Total PWR / Input Voltage:
- 120W (48-57VDC)
- Power Consumption:
- Standby:<3W; Full load:<120W
- LED Indicator:
- Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/ (Green),9(Link/Act) / (Green), Speed/ (Orange); POE indicator: PoE (Orange)
- Power Supply:
- No, optional 48V/120W or 48V/240W industrial power supply
- Operation TEMP / Humidity:
- -40~+75°C;5%~90% RH Non condensing
- Storage TEMP / Humidity:
- -40~+85°C;5%~95% RH Non condensing
- Dimension:
- 165*145*54mm
- Net /Gross Weight:
- <1.3kg / <1.8 kg
- Lightning protection / protection level:
- Lightning protection: 6KV 8/20us; Protection level: IP40
 - IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge

- IEC61000-4-3(RS):10V/m(80~1000MHz)
- IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV
- IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV
- IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)
- IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s
- IEC61000-4-9(pulsed magnet field):1000A/m
- IEC61000-4-10(damped oscillation):30A/m 1MHz
- IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV
- IEC61000-4-16(common-mode transmission):30V; 300V,1s
- FCC Part 15/CISPR22(EN55022): Class A
- IEC61000-6-2(Common Industrial Standard)