

**OverView:****OUTDOOR POE SWITCH**

The Unmanaged Industrial PoE Switch is designed for small and medium industrial network applications. It provides an easy way to access Gigabit Ethernet.

This switch's robust design makes it ideal for deployment in industrial and outdoor surveillance settings. It can optionally support DIN-Rail mounting or Wall mounting. LEDs provide visual monitoring of Ethernet-connected devices via twisted-pair RJ45 ports. The models are available in both non-PoE and PoE versions and can power the latest high-powered PoE devices over a wide industrial operating temperature range.

Product Features:

- Support IEEE 802.3af/at/bt PoE Standard, without damaging non-PoE devices.
- Support up to 8 ports x 10/100Base-T or 10/100/1000Base-T
- Full/Half-duplex self-adaptation
- MDI/MDIX automatic recognition
- Jumbo Frame up to 9K, 20G backplane bandwidth
- Operating temperature -40C to 75C
- Wide-range DC9~56V power input
- Support power input polarity protection; no worries about the reverse connection
- All-Aluminium shell, fanless design
- Free fall, shock-proof and vibration-proof for industries
- Plug and play; no software configuration.

Ethernet Interface:

Model:

- HOP3412S1210-2TP

Ports

- 8×10/100/1000Base-TX Port(RJ45)
- 2×1000Base-X(SFP/1×9)

Port Mode(Tx):

- Auto-Negotiation
- Full/Half Duplex Mode
- Auto MDI/MDI-X Connection

Standards:

- IEEE 802.3 for 10BaseT
- IEEE 802.3u for Fast Ethernet
- IEEE 802.3ab Gigabit Ethernet
- IEEE 802.3x for flow control and back pressure
- IEEE802.3az for Energy Efficient Ethernet(EEE)

Packet Buffer Size:

- 2M

Maximum Packet Length:

- 9K

MAC Address Table"

- 4K

Transmission Mode:

- Store and Forward (full/half duplex mode)

Exchange Property :

- Delay time: < 7μs
- Backplane bandwidth: 20G

● Model: HOP3412S1210-2TP

Power Supply:

PoE Ports:

- Port 1 to 8 IEEE802.3af/at @PoE+

Power Supply Pin:

- Default: 1/2(+), 3/6(-)

Max Power Per Port:

- 30W

Total PWR /Input Voltage:

- 240W(DC48-56V) (Model dependent)

Power Consumption:

- 10 Watts Max(without PoE load)

Power Inputs:

- 2

Input Voltage:

- 9-56VDC, Redundant dual inputs

Operating Voltage:

- Non-PoE Mode: 9-56VDC
- 30W PoE Mode: 48-56VDC

Connector :

- 1 removable 6-contact terminal blocks
- Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm

Protection Overload:

- Current Protection, Reverse Polarity Protection

Physical Characteristics:

Housing:

- Aluminum case

IP Rating:

- IP40

Dimensions:

- 138mm x 108mm x 49mm (L x W x H)

Installation:

- DIN Rail/Wall Mount

Weight:

- 680g

● Model: HOP3412S1210-2TP

Environmental:

Operating Temperature:

- -40°C to 75°C

Operating Humidity:

- 5%~85% (non-condensing)

Storage Temperature:

- -40°C~85°C

MTBF:

- 907,476 hours @ Telcordia SR-332 Standard

Heat Dissipation:

- 34 BTU/h (Non-PoE Mode) 853 BTU/h (with 240W PoE Load)

Cooling:

- Passive Cooling, Fanless Design

Noise:

- Level 0 dBA