

**OverView:****24 PORT INDUSTRIAL NETWORK SWITCH**

The 26 Port Unmanaged Industrial Ethernet Switch is designed for 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 not-PoE devices.
- Support up to 24×10/100/1000Base-T RJ45 and 2×100/1000Base-X SFP
- Full/Half-duplex self-adaptation vMDI/MDIX automatic recognition
- Jumbo Frame up to 10K, 52G backplane bandwidth
- Operating temperature -40 to 75
- 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
- All-aluminum Case, Compact and Fanless Design
- Plug and play, no software configuration.

Ethernet Interface:

Model: HOP3412S1226-2TX

Ports:

- 24×10/100/1000Base-TX Port(RJ45)-2x1000Base-X SFP

Port Mode(Tx):

- Auto-Negotiation Speed
- 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:

- 4M

Maximum Packet Length:

- 10K

MAC Address Table:

- 8K

Transmission Mode:

- Store and Forward (full/half duplex mode)

Exchange Property:

- Delay time: < 7μs Backplane bandwidth: 52G

PoE & Power Supply(Base on model):

PoE Ports:

- Port 1 to 24 IEEE802.3af/at @PoE+

Power Supply Pin:

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

Max Power Per Port:

- 30W

Total PWR /Input Voltage:

- 480W(DC48-56V) (Model dependent)

Power Consumption:

- 24 Watts Max(without PoE load)

Operating Voltage:

- 30W PoE Mode: 48-56VDC

Connector:

- 1 removable 6-contact terminal blocks--Pin 1/2 for Power 1, Pin 3/4 for Power 2 - Pin5/6 for fault alarm

Protection:

- Overload Current Protection, Reverse Polarity Protection

Physical Characteristics:

Housing:

- Aluminium case

IP Rating:

- IP40

Dimensions:

- 155mmx128mmx88mm

InstallationDIN:

- Rail/Wall Mount

Weight:

- 1.35kg

Environmental:

Operating Temperature:

- -40°C~75°C (-40 to 167°F)

Operating Humidity:

- 5%~95% (non-condensing)

Storage Temperature:

- -40°C~85°C (-40 to 185 °F)

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