

**OverView:****5 PORT UNMANAGED INDUSTRIAL ETHERNET SWITCH**

The Unmanaged Industrial Ethernet Switch is designed for small business industrial network applications. It provides an easy way to make the access point to Fast or Gigabit Ethernet. With a robust design, this switch is ideal for industrial or outdoor surveillance, withstanding the harshest conditions. The Industrial switch is Plug-and-Play, allowing for easy and quick deployment. It can optionally be mounted on a DIN-Rail or Wall Mount, making it suitable for various installation methods. An LED monitor displays information from Ethernet-connected devices such as IP cameras, wireless access points, or PC/laptops

**Product Features:**

- All-aluminum Case, Compact and Fanless Design
- Support up to 5 ports 1000Base-T
- Full/Half-duplex self-adaptation
- MDI/MDIX automatic recognition
- Support IEEE 802.3af/at/bt PoE Standard, without damaging non-PoE devices.
- Operating Temperature from -40 to 75°C
- Dual Redundant DC9~56V power input
- Support power input polarity protection; no worries about the reverse connection
- Aluminium shell, fanless design
- Free fall, shock-proof and vibration-proof for industries
- Plug and play; no software configuration is needed
- Either DIN rail or Wall Mount Installation

**Ethernet Interface:**

Model: HOP3412S125TM

Ports:

● 5×1000 Base-TX Port(RJ45)

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:

● 512M

Maximum Packet Length:

● 9K

MAC Address Table:

● 4K

Transmission Mode:

● Store and Forward (full/half duplex mode)

Exchange Property :

● Delay time: &lt; 7μs

● Backplane bandwidth: 1.25G

**PoE & Power Supply:**

## PoE Ports:

- Port 1 to 4 IEEE802.3af/at @PoE+

## Power Supply:

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

## Max Power Per Port:

- 30W

## Total PWR /Input Voltage:

- 120W(DC48-56V) (Model dependent)

## Power Consumption:

- 3 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
- 90W PoE Mode: 52-56VDC(IEEE802.3bt model)

**Physical Characteristics:**

## Housing:

- Aluminium case

## IP Rating:

- IP40

## Dimensions:

- 120mm x 90mm x35mm (L x W x H)

## Installation:

- DIN Rail/Wall Mount

## Weight:

- 350g(without PoE)

**Environmental:**

## Operating Temperature:

- -40°C~75°C (-40 to 167°F)

## Operating Humidity:

- 5%~90% (non-condensing)

## Storage Temperature:

- -40°C~85°C (-40 to 185 °F)

## Heat Dissipation:

- 10 BTU/h (Non-PoE)
- 420 BTU/h (30W PoE)
- 1260 BTU/h (90W PoE)

## Cooling:

- Passive Cooling

## Noise Level:

- 0 dBA