

# POE-1410P

48VDC, 4 port Industrial Gigabit PoE+ to Fiber Switch, 4x10/100/1000BaseT(X) PSE (802.3af/at PoE+), 1x100/1000M TX/SFP combo, 1x100/1000M SFP, -40 to 75°C operating temperature

## Introduction

POE-1410P is a new generation of Gigabit unmanaged POE+ to Fiber switch introduced by Hoatech in 2020. In addition to the first generation of original functions, this version has improved the lightning strike protection level, which has 4 x 10 /100/1000BaseT(X) 802.3af/at (PoE) Ethernet port and 1 combo Gigabit Ethernet port and SFP fiber port. Each PoE port of the POE-1410P can provide up to 30 watts of power and can be powered to PD devices (such as IP cameras, access control systems, IP phones, wireless APs, etc.), which is beneficial for users to install



## Features

- Auto-MDI/MDIX on copper port
- 4xGbE PoE + 1xGbE SFP + 1xGbE RJ45/SFP Combo
- 30W IEEE802.3at compliant
- Each PoE port can be manually set for On-Off control
- 12KV surge protection on each PoE port
- -40°C~75°C operating temperature
- Redundant power input (48-56VDC) & Reverse power protection

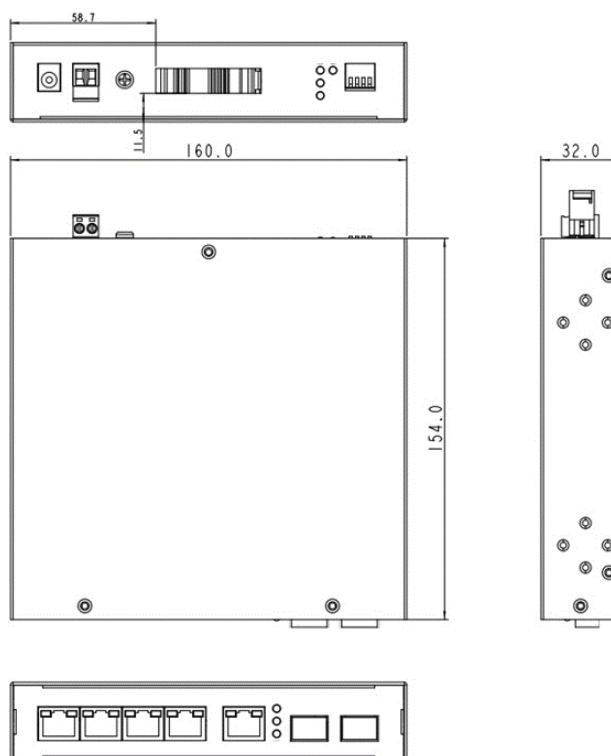
## Specifications

|                            |                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Mode             | Layer 2                                                                                                                                                                                                                                                                                         |
| Total Gigabit Ports        | 7                                                                                                                                                                                                                                                                                               |
| Gigabit PoE Ports          | 4                                                                                                                                                                                                                                                                                               |
| Gigabit TX Ports (RJ-45)   | -                                                                                                                                                                                                                                                                                               |
| Gigabit Combo (RJ-45/SFP)  | 1                                                                                                                                                                                                                                                                                               |
| Gigabit SFP slots          | 1                                                                                                                                                                                                                                                                                               |
| Protocols & Standards      | IEEE 802.3 10Base-T Ethernet<br>IEEE 802.3u 100Base-TX Fast Ethernet<br>IEEE 802.3ab 1000Base-T Gigabit Ethernet<br>IEEE 802.3z 1000Base-X Gigabit Ethernet<br>IEEE802.3x traffic and back pressure,<br>IEEE802.3af for POE Ethernet power supply<br>IEEE802.3at for POE+ Ethernet power supply |
| Switching Capacity (Gbps)  | 16Gbps                                                                                                                                                                                                                                                                                          |
| Forwarding Capacity (Mpps) | 11.904Mpps                                                                                                                                                                                                                                                                                      |
| Jumbo Frame(byte)          | 10K                                                                                                                                                                                                                                                                                             |
| MAC Table                  | 1K                                                                                                                                                                                                                                                                                              |
| Network Connection         | Auto-MDI/MDI-X & Auto-Negotiation<br>Full/Half duplex                                                                                                                                                                                                                                           |
| Operating Mode             | Store and forward                                                                                                                                                                                                                                                                               |

|                           |                                                                              |
|---------------------------|------------------------------------------------------------------------------|
| PoE Power                 | PoE IEEE 802.3af (Max 15.4W) per port<br>PoE+ IEEE802.3at (Max 30W) per port |
| Reverse Power Protection  | Yes                                                                          |
| Overload power protection | Yes                                                                          |
| Total Power               | 120W                                                                         |
| Surge Protection          | 12KV                                                                         |
| Dimension (W x H x D)     | 160x32x155mm                                                                 |
| Weight                    | TBC                                                                          |
| Connectors                | RJ45 x 5, SFP slot x 2, Terminal block x1                                    |
| Accessories               | Din rail mount kit                                                           |
| LED Indicators            | Power 、Fiber 、Link(Act)                                                      |
| Fan-less Design           | Yes<br>IEEE 802.3az Energy Efficient Ethernet (EEE)                          |
| Operating Temperature     | -40°C ~ 75°C                                                                 |
| Storage Temperature       | -40°C ~ 85°C                                                                 |
| Operating Humidity        | 5% ~ 95% (Non-Condensing)                                                    |
| Storage Humidity          | 5% ~ 90% (Non-Condensing)                                                    |
| MTBF(Hour)                | >50,000                                                                      |
| Certification Compliance  | CE, FCC, VCCI, C-Tick                                                        |
| Safety                    | EN60950-1, IEC60950-1                                                        |
| EMC                       | EN61000-4-5                                                                  |

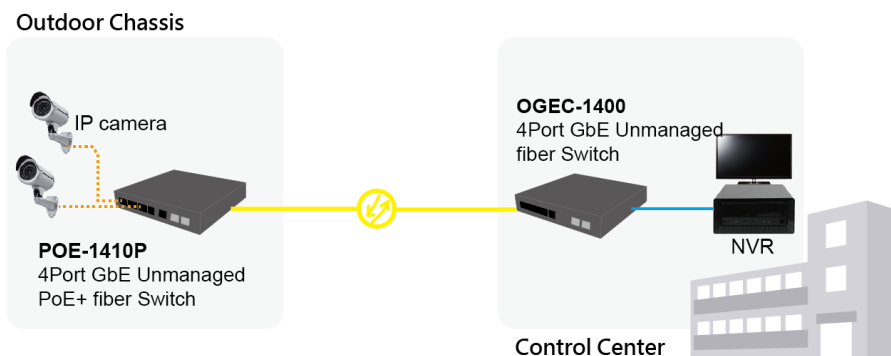
## Dimensions

Unit: mm



## Application

### Outdoor Surveillance



## Ordering Information

| Model Name | Description                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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## Accessories (sold separately)

| Model Name            | Description                                                          |
|-----------------------|----------------------------------------------------------------------|
| SFP 1.25G SM-SC-B5    | SFP BIDI 1.25Gbps, TX1550nm/RX1310, SC, 20km, 0 to 70°C              |
| SFP 1.25G SM-SC-B5-D  | SFP BIDI 1.25Gbps, TX1550nm/RX1310, SC, 20km, 0 to 70°C, With DDM    |
| SFP 1.25G SM-SC-B5-A  | SFP BIDI 1.25Gbps, TX1550nm/RX1310, SC, 20km, -40 to 85°C            |
| SFP 1.25G SM-SC-B5-DA | SFP BIDI 1.25Gbps, TX1550nm/RX1310, SC, 20km, -40 to 85°C, With DDM  |
| SFP 1.25G SM-SC-B3    | SFP BIDI 1.25Gbps, TX1310nm/RX1550, SC, 20km, 0 to 70°C              |
| SFP 1.25G SM-SC-B3-D  | SFP BIDI 1.25Gbps, TX1310nm/RX1550, SC, 20km, 0 to 70°C, with DDM    |
| SFP 1.25G SM-SC-B3-A  | SFP BIDI 1.25Gbps, TX1310nm/RX1550, SC, 20km, -40 to +85°C           |
| SFP 1.25G SM-SC-B3-DA | SFP BIDI 1.25Gbps, TX1310nm/RX1550, SC, 20km, -40 to +85°C, with DDM |
| SFP 1.25G SM-LC-B5    | SFP BIDI 1.25Gbps, TX1550nm/RX1310, LC, 20km, 0 to 70°C              |
| SFP 1.25G SM-LC-B5-D  | SFP BIDI 1.25Gbps, TX1550nm/RX1310, LC, 20km, 0 to 70°C, With DDM    |
| SFP 1.25G SM-LC-B5-A  | SFP BIDI 1.25Gbps, TX1550nm/RX1310, LC, 20km, -40 to 85°C            |
| SFP 1.25G SM-LC-B5-DA | SFP BIDI 1.25Gbps, TX1550nm/RX1310, LC, 20km, -40 to 85°C, With DDM  |
| SFP 1.25G SM-LC-B3    | SFP BIDI 1.25Gbps, TX1310nm/RX1550, LC, 20km, 0 to 70°C              |

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| SFP 1.25G SM-LC-B3-D  | SFP BIDI 1.25Gbps, TX1310nm/RX1550, LC, 20km, 0 to 70°C, with DDM    |
| SFP 1.25G SM-LC-B3-A  | SFP BIDI 1.25Gbps, TX1310nm/RX1550, LC, 20km, -40 to +85°C           |
| SFP 1.25G SM-LC-B3-DA | SFP BIDI 1.25Gbps, TX1310nm/RX1550, LC, 20km, -40 to +85°C, with DDM |
| SFP 1.25G MM-LC-2F    | SFP 1.25Gbps, 1310nm, LC, 2km, 0 to 70°C                             |
| SFP 1.25G SM-LC-2F    | SFP 1.25Gbps, 1310nm, LC, 20km, 0 to 70°C                            |

### Power Supply (sold separately)

| Model Name     | Description                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------|
| PSU-120A48-P1M | 120W/2.5A, AC-DC Industrial desktop adaptor with PFC; Output 48Vdc at 2.5A; 3 pole AC inlet IEC320-C14 |

More information please check on our website at [www.hoatech.com.tw](http://www.hoatech.com.tw)