

# ISF108P

## Industrial Ethernet Switch

### Introduction

The ISF108P is an unmanaged PoE Ethernet switch with 8 x10/100Base-T(X) ports that support IEEE802.3af/at. The ISF108P has been designed to comply with industrial standards. With wide operating temperature ranging from -40 to 75°C, IP40 rated housing, and redundant dual power inputs, the ISF108P is able to work in variable industrial environments.



### Features

- 8-port 10/100TX Compact Fast Ethernet Switch
- 8 PoE Ports with IEEE802.3af/at standard
- 46~57VDC redundant dual power inputs
- IP40 rated metal housing
- -40 to 75°C operating temperature range



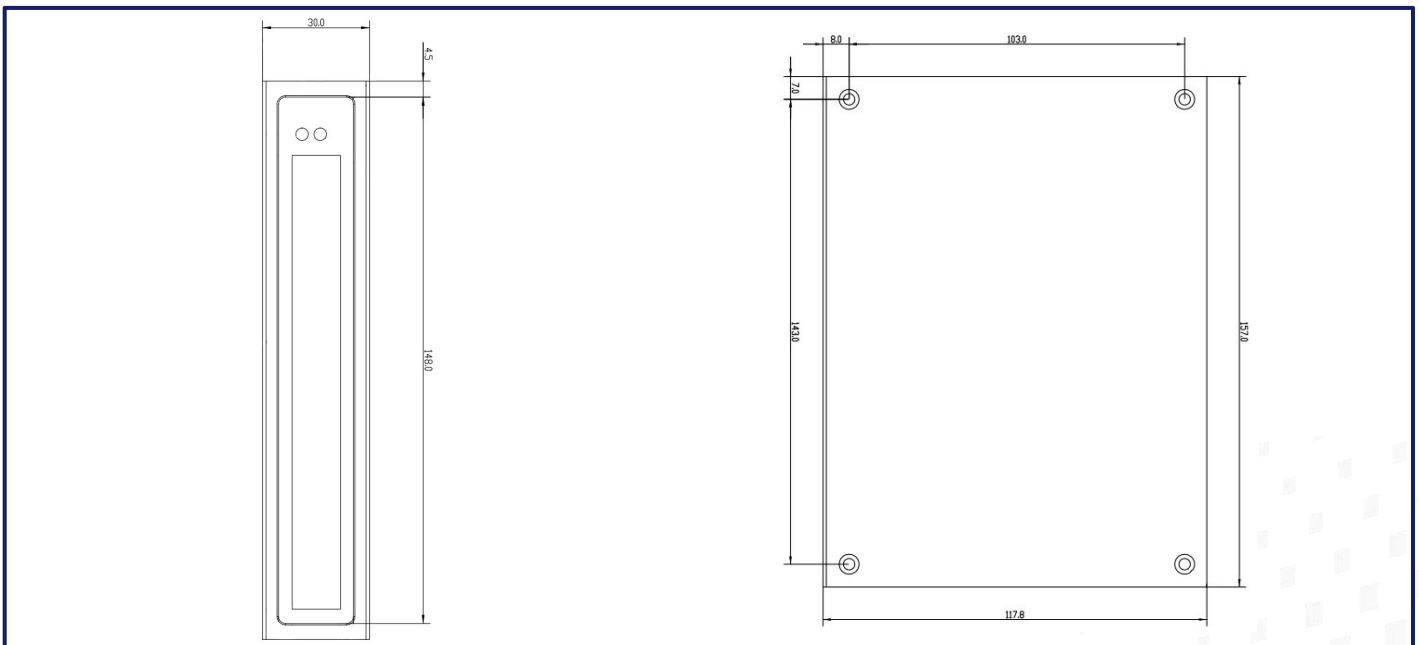
### Specifications

|                              |   |  |
|------------------------------|---|--|
| PORT                         | 10/100BaseT(X) Ports                      | 8  |
|                              | PoE Ports                                 | 8  |
|                              | Power over Ethernet                       | IEEE 802.3af/at, 120W power budget   |
| Performance                  | Switching capacity                        | 1.6Gbps  |
|                              | Auto-negotiation                          | Supported  |
|                              | Auto-MDI/MDIX                             | Supported  |
| Power supply                 | Input range                               | 46~57VDC, Redundant dual power inputs  |
|                              | Connection                                | 1 removable 4-contact terminal block(s)  |
|                              | Overload Current Protection               | Supported  |
|                              | Reverse Polarity Protection               | Supported  |
| LED                          | Port LED                                  | Green: link/active; Yellow: PoE  |
| Mechanical                   | Dimension (W x D x H) mm                  | 158*118*35   |
|                              | Installation                              | DIN-rail mounting  |
|                              | IP Rating                                 | IP40   |
| Environment                  | Operating Temperature                     | -40 to 75°C (-40 to 167°F)   |
|                              | Storage Temperature                       | -40 to 85°C (-40 to 185°F)   |
|                              | Operating Humidity (non-condensing)       | 5 to 95% (non-condensing)  |
|                              | Storage Humidity (non-condensing)         | 5 to 95% (non-condensing)  |
|                              | Environmental Regulation Compliance: WEEE | Supported  |
|                              | Environmental Regulation Compliance: RoHS | Supported  |
| Standards and Certifications | EMC                                       | EN 55032/24  |
|                              | EMI                                       | CE, CISPR 32, FCC Part 15B Class A   |
|                              | EMS                                       | IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV<br>IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m<br>IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV<br>IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV<br>IEC 61000-4-6 CS: 10 V<br>IEC 61000-4-8 PFMF |
|                              | Safety                                    | EN 60950-1, EN 60950-1 (LVD)   |
|                              | Shock                                     | IEC 60068-2-27   |
|                              | Vibration                                 | IEC 60068-2-6  |
|                              | Freefall                                  | IEC 60068-2-31   |

## Product view



## Dimensions



## Order Information

| Model   | Description  |
|---------|--|
| ISF108P | 8-port Fast Ethernet Switch with PoE/PoE+; 8FE/PSE, slim type. |