

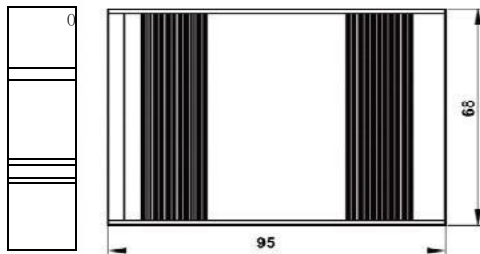
**Power Connection:**

V <sub>-</sub>	V <sub>+</sub>	<b>Power Input</b>								
GND	12~48VDC	<table border="1"> <tr> <td>0</td> <td>0</td> <td>0</td> <td>12~48V</td> </tr> <tr> <td>V<sub>-</sub></td> <td>V<sub>+</sub></td> <td>V<sub>-</sub> V<sub>+</sub></td> <td></td> </tr> </table>	0	0	0	12~48V	V <sub>-</sub>	V <sub>+</sub>	V <sub>-</sub> V <sub>+</sub>	
0	0	0	12~48V							
V <sub>-</sub>	V <sub>+</sub>	V <sub>-</sub> V <sub>+</sub>								

**Functional Description**

- 410/100/1000Base-TX+11000Base-FXor 10/100/1000Base-TX uplink
- 10/100/1000Mbps RJ45 Port Supports Full/Half-duplex, Auto-negotiation, AutoMD/MD
- Supports 802.3x Flow control
- PoE Optional, IEEE802.3af/at
- 9K Bytes Jumbo Frame
- Redundant Power Inputs
- Supports Wall-mount and DIN-Rail installation
- -40 °C to 80 °C (-40°F to 176°F) operating temperature

**Dimensions Drawing of the Product(Unit:mm)**



This quick start guide describes how to install and use the Hardened Ethernet switch. This is the Ethernet switch of choice for harsh environments constrained by space.

**Overview**

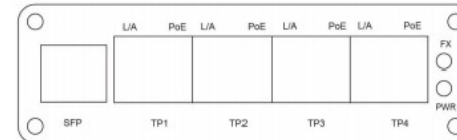
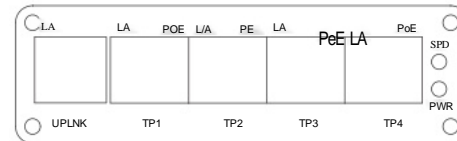
This Series is 4 ports 10/100/1000Base-TX+ 1 port 1000Base-FX or 10/100/1000Base-TX uplink Hardened Ethernet switch. The Switch has 4 TP ports and 1 fiber ports. TP(RJ45)supports 10/100/1000Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection; 1000Base-FX sup- ports 1 or, 2 core Single-mode or Multi-mode fiber. With its reliable design and ease of use the product is a great choice for integrating networks consisting of network devices such as IP cameras and wireless access points between remote locations.

**General**

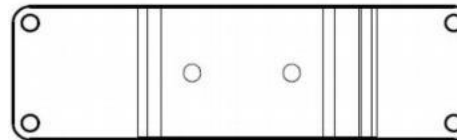
To ensure trouble free transport and storage, all products must be thoroughly inspected, tested and properly packed before delivery. Check the product upon receipt for any visible damage which may have been caused during shipment.

**Physical Description**

Front Panel



Rear Panel



## Packag

- Industrial Ethernet switchx 1
- Quick Start Guide x 1
- L-shaped wall mount bracketx 1

## DIN Rail Installation

The device can be installed on a DIN rail. Installation steps are as follows:



1. Tighten the screws to fix the DIN Rail pie



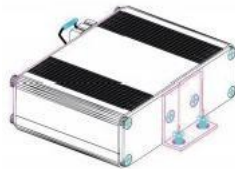
2.Lock the upper part of the DIN rail clip on the upper side of the track. Gently press it until the clip is securely locked on the track.

## Wall Mount Installation

This device can also be installed on a wall or a flat surface.Installation steps are as follows:



1.Tighten the screws to fix the wall mount bracket



2. Mount the switch on the wall or on a flat surface with 2 screws piercing through the mounting holes to secure it in position.

## Setup

- Connectthe Ethernet port ofthe switch to a IP camera(PoE device)or network device with a network cable.
- Connectthe fiber cable from the device(media converterorswitch)ontheother end tothe SFP portofthe converter.
- Afterthe device is poweredon, the PWRindicatorwillall be on. Ifthe indicators are noton,checkthe power supply connection.
- After all cables are correctly connected, the indicators will be lit as per portstatus LEDs.

## The Port Status LEDs

LED	State	Indication
PWR	Green	Power on.
	Off	Power off.
PoE	Green	PoE is activated.
	Off	No device is connected or the connected device is not a PD.
L/A(RJ45)	Steady	A valid network connection established
	Flashing	Transmitting or receiving data.ACT Stands for Activity.
SPD	On	1000Mbps
	Off	10/100Mbps
FX	Optical Connection	

## Cable Connections

Signal Type	Cable Type	Connector
Ethernet	Cat.5 or above	RJ45
Power supply	Power cable	4-pin Terminal Block