

# 1-Line Ethernet Lightning Protector for PoE

## User's Guide

Version 0.92

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## 1. Checklist

The package should contain the following items:

- 1-Line Ethernet Lightning Protector for PoE
- User's Guide

Please notify your sales representative immediately if any items are missing or damaged.

## 2. Overview

The compact 1-Line Ethernet Lightning Protector for PoE can prevent your connected Ethernet devices such as hubs, switches, or end devices such as PCs from sudden lightning strikes. It supports Fast Ethernet and Gigabit Ethernet networks. The implementation installation is easy and no configuration is necessary for the 1-Line Ethernet Lightning Protector for PoE. Furthermore, the 1-Line Ethernet Lightning Protector for PoE can be placed in a flat desk or fixed on the wall depending on your site plan. Other major features or benefits include the following:

- Compatible with Power over Ethernet (PoE)
- Comply with 10/700uS 6KV common mode lightning surge test(must properly grounding)
- Provide 1-line Ethernet lightning protection
- Support Fast & Gigabit Ethernet
- 1 Port RJ-45 for PoE Ethernet Signal input
- 1 Port RJ-45 for PoE Ethernet Signal output
- Dimensions: 70 (W) x 25 (D) x 25 (H) mm

## 3. Safety Precautions

- The 1-Line Ethernet Lightning Protector for PoE is used for Ethernet devices only with RJ-45 connectors. Do not attempt to connect other devices with different connectors from it.
- Before connecting Ethernet devices, make sure all power connections of your protected devices are switched off.
- Make sure the 1-Line Ethernet Lightning Protector for PoE is securely grounded. This allows excess current to flow to ground.

## 4. Installation

- Switch off all power connections to Ethernet devices to be protected.
- Connect the cable from external side with RJ-45 connector to the RJ-45 port marked "Ext" (Figure 1).
- Connect the cable from internal side with RJ-45 connector to the RJ-45 port marked "PC" (Figure 1).
- Connect the ground wire
- Switch on power connections to Ethernet devices to be protected.

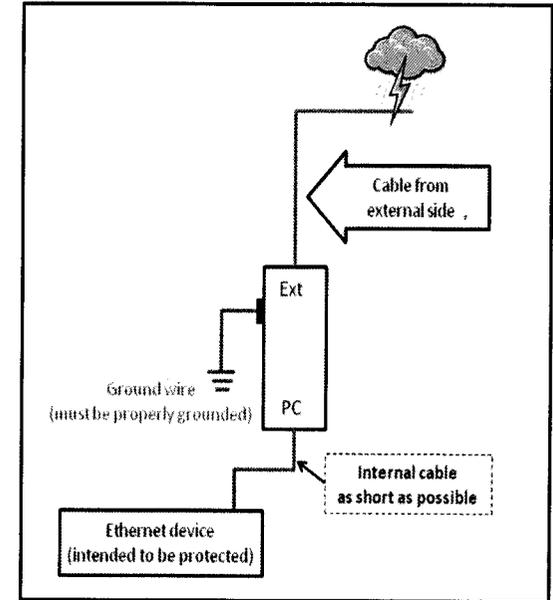


Figure 1. Lightning Protector connection cables

## 5. Model Name & Specification

**Model Name:**

-1-line Fast/Gigabit Ethernet Lightning Protector for PoE