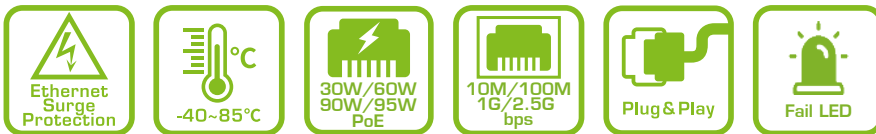


# SD-404

802.3af/802.3at/802.3bt/UPoE  
Modular PoE Surge Protector



SD-404

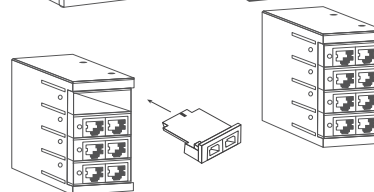
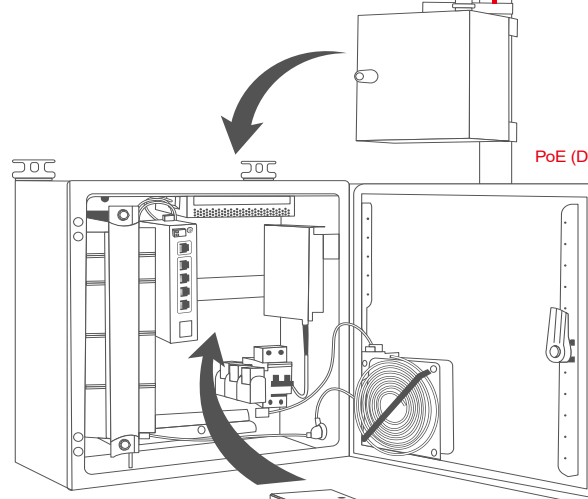
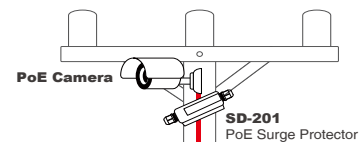
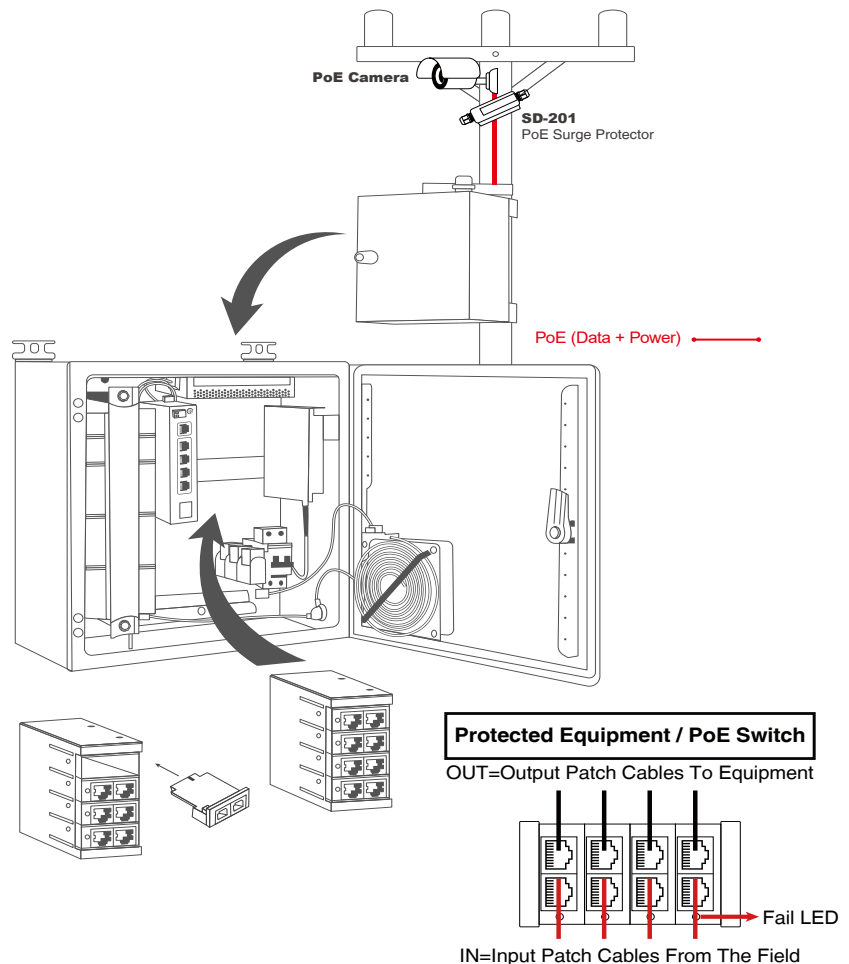


The SD-404 is a Modular PoE Surge Protector keeping PoE switches, PoE PDs, and any IP device safe from lightning & other forms of electrical interference such as power surges and spikes over networking cables. There are harden-graded PoE surge protector operating between -40°C and 85°C during harsh weather conditions & plug-and-play PoE surge protector defending the surge up to 10KA. The SD-404 is deployed beside PoE switches, inside junction boxes or power boxes. Besides general specifications of SD-404 protect outdoor IP devices such as IP cameras and wireless APs.

## Features

- Modular design for easy replacement
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt / UPoE
- Protects eight wires of networking cable including PoE
- Protects up to 10KA surge
- Failure Indicator LED
- Operating temperature from -40°C to 85 °C
- Din-rail mounting

## Applications



## Specifications

SD-404	
<b>Specifications</b>	
Number of Ports	4
Pass Through Data Rates	10M/100M/1G/2.5G bps
Transmission Media	Cat. 5e,6 UTP/STP
PoE Support	802.3af / 802.3at / 802.3bt / UPoE
Max Discharge Current (8/20us)	10KA
Maximum Operation DC Voltage	60VDC
Maximum Operation DC Current	1A for 2 pair, 2A for 4 pair, 95W maximum
Common Mode Protection Level (10/700us)	20KV
Differential Mode Protection Level (10/700us)	4KV
Clamping Voltage (Line to GND)	600V
Clamping Voltage (Line to Line)	20V
Insertion Loss @ 10MHz/100MHz	1db
Return Loss @ 10MHz/100MHz	-20db
Response Time	5ns
<b>Mechanical Specifications</b>	
Dimension (WxHxD)	44 x 88 x 85mm
Weight	0.5KG
Connectors	RJ45 x 8
<b>Environmental Specifications</b>	
Operating Temperature	-40°C~ 85°C (-40°F~ 185°F)
Storage Temperature	-40°C~ 85°C (-40°F~ 185°F)
Operating Humidity	5% ~ 95% non-condensing
<b>Certifications</b>	
EMC	CE, FCC, VCCI, C-Tick
Surge	ITU-T K.21 IEC-61643-21 IEC-61000-4-5 TIA-968-A (FCC Part68)