

**SafeSurge-PRO** is our 2nd generation Ethernet Protection device that improves on the original SafeSurge. Designed to protect sensitive data-processing equipment the SafeSurge-PRO now features 10x the surge protection as well as 50x faster response time compared to the original. The performance enhancement is now enterprise ready for very large surge events.

## Ethernet "Lightning" Protection

PoE Configuration	Passive (Positive or Negative power supply)
PoE Data Pins	1, 2, 3, 6
PoE Power Pins	4, 5, 7, 8
Operating Voltage	Up to 57V

## Surge Protection

Surge Handling	8/20uS (10kA)*
Response Time	< 5ns

\*The SafeSurge PRO should be properly grounded with the supplied cable to achieve this level of protection.

## Characteristics

Connection	RJ45 shielded
Application	PoE and Gigabit Ethernet Networks
Protection	Circuit Gas discharge tubes (GDT) and Diodes

## Miscellaneous

Dimensions	6.81cm X 4.21cm X 2.06cm
Weight	30 grams (1.06 oz)
Operational Temp.	-40C to +85C
Storage Temp.	-40C to +85C
Humidity	0% to 95% (non-condensing)
Incl Accessories	15cm ground wire, 1 screw (4mm length for wire), 2 screws (5mm length for PRO cards), 1 nut
Warranty	One Year Limited Warranty

## Key Features

- 10 Base T/ 100 Base T/ 1000 Base T compatible
- Less than 5ns (nanoseconds) response time
- 10x (times) the surge protection vs. the original SafeSurge
- Same small form factor with multiple ways to ground
- Built in redundant protection so it lasts longer



