



PT-PR01G-10

PoE Surge Protector

Overview

PT-PR01G-10 is a single-port Ethernet surge protector. Enclosed in an Aluminum Alloy shell, with a silver color exterior, complemented by an anodized aluminum surface. Enhanced RJ45 socket exhibits minimal signal attenuation. High-quality Gas discharge tube(GDT). Withstand extreme environmental conditions within a temperature range of -40 to 85 degrees Celsius. Max Discharge Current: 10KA (8/20us, 1.25KA per line). Supports power of 120W, 60Vdc(max) Ethernet equipment.

PT-PR01G-10 can not only work with IEEE802.3af/at/bt/PoE++ standard devices, but also supports non-standard Ethernet equipment, that well protects your devices against surge damage. The common mode surge voltage exceeds 20KV(10/700us) and the differential mode surge voltage is 1.5KV(10/700us).

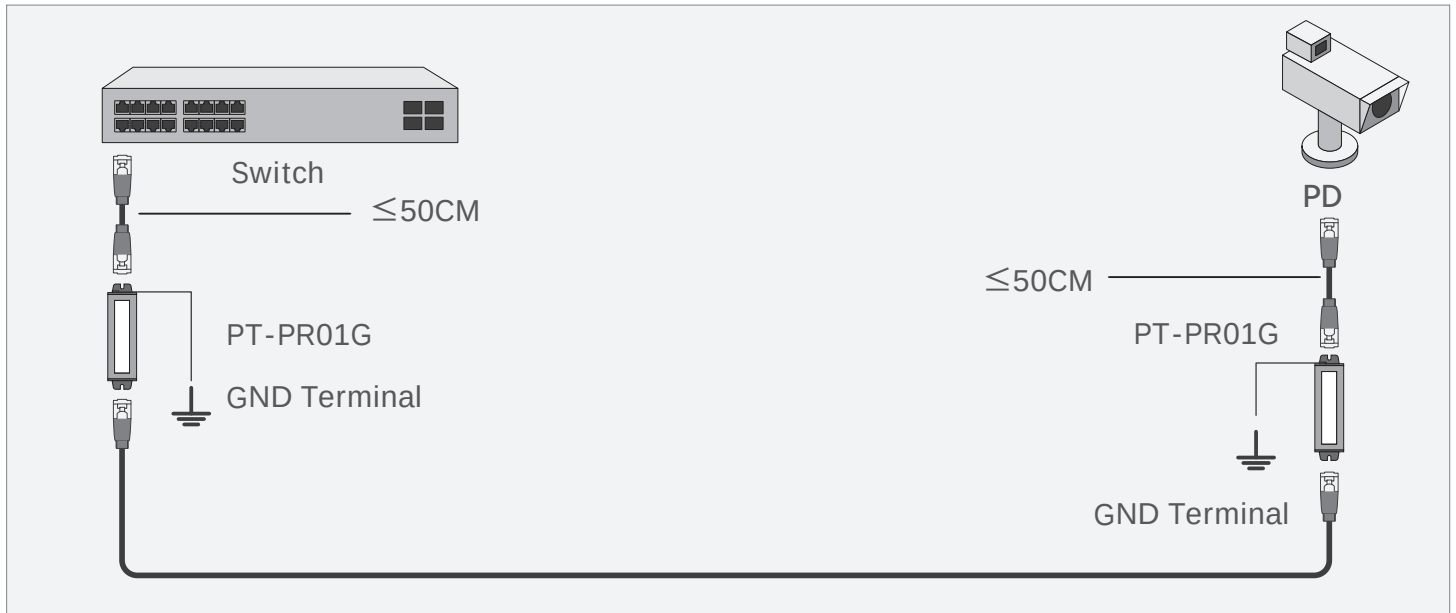
It supports not only 10/100/1000Mbps of data speed, but also 2.5GbE/5GbE/10GbE NBase-T.



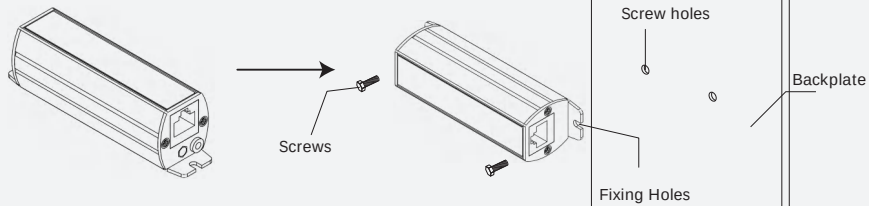
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Product Working Diagram



Wall-Mounting Installation



Specification

Standard	IEEE802.3i 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit Ethernet
	CE
	IEEE802.3 af / at / bt / PoE++
Input & Output	Operating Voltage : 60Vdc Max
	Max Discharge Current : 10KA (8/20us, 1.25KA per line)
	Maximum Operating Current : 1A for 2 pairs, 2A for 4 pairs
	Maximum Operating Power : 120W Max
	Data speed : 10 / 100 / 1000Mbps/2.5G/5G/10G
Operating Environment	Operating Temp. : -40°C to 85°C
	Operating Humidity : 20% to 80%, non-condensation
Mechanical Characteristics	Common Mode Protection Level(10/700us): 20KV
	Differential Mode Protection Level(10/700us): 1.5KV
	Case : Silver Aluminum alloy case
	IP Rated: IP40
	Dimensions : 103mm X 28mm X 30mm
	Weight : 71.5g