



Model SP-24POE/1000

24-Ch Gigabit PoE Surge Protector

Product Datasheet



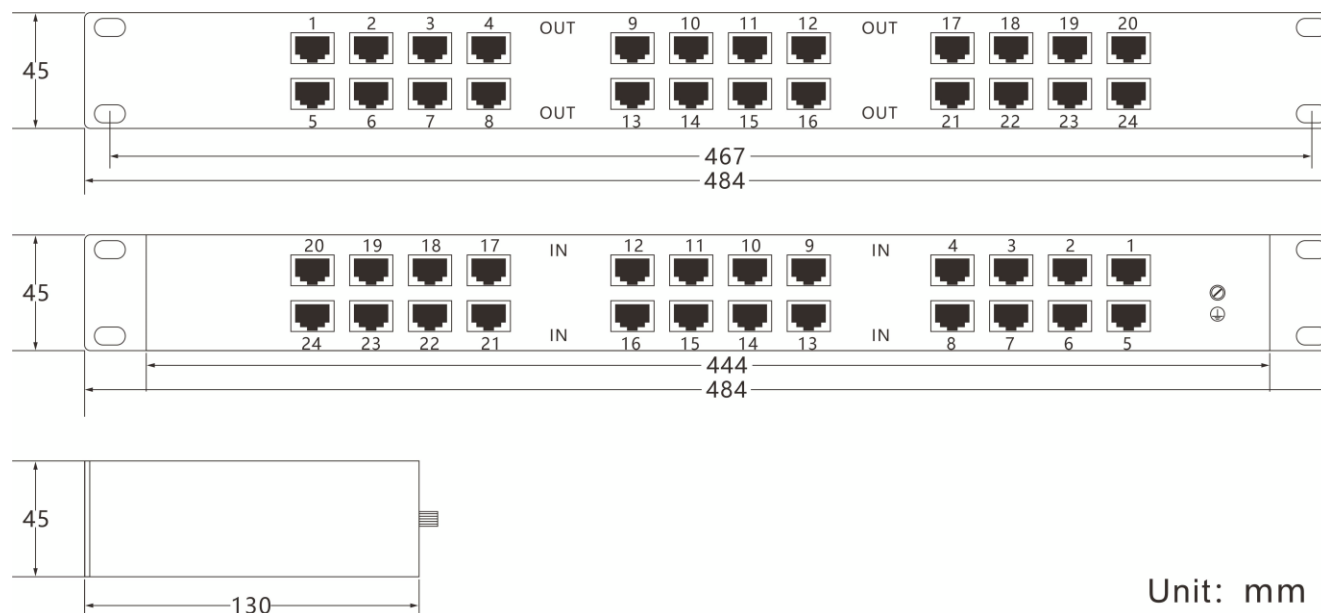
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SP-24POE/1000 is 24-Ch Gigabit PoE Surge Protector. This model is widely used to 24-Port IP & PoE devices concentrated protection. It protects PoE cameras, PoE switches, servers, modem, network terminals and other network communication equipment in surveillance systems.

Features

- ◆ Rack-mount design, anti-static
- ◆ Compatible for 10/100/1000Mbps network and power
- ◆ Reasonable circuit design, very low insertion loss
- ◆ Special signal isolation technology, reduce surge strike for network devices

Dimension

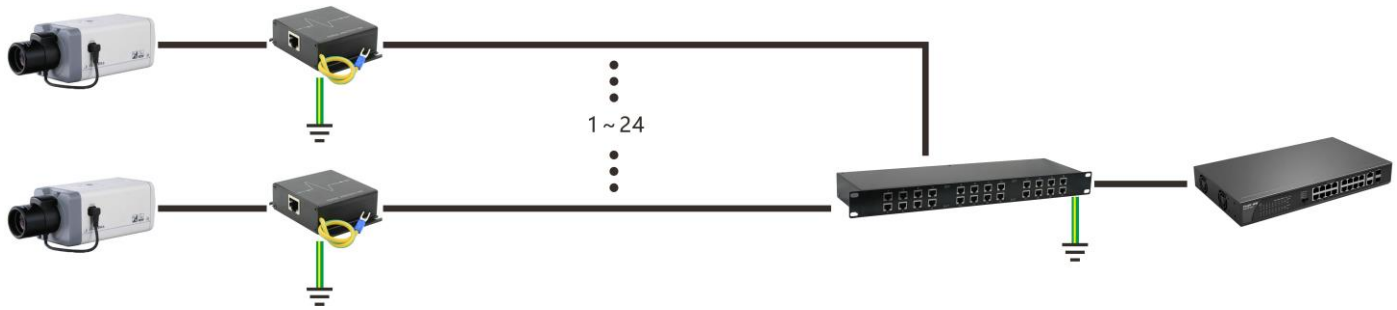


Note: Dimension error value ± 2 mm

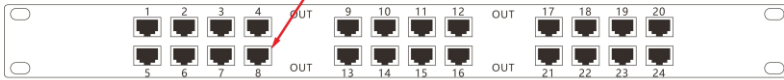
Technical Parameter

Category	Description	
Signal Type	Network	Power
Interface Type	RJ45	
Working Voltage (Un)	5V	48V
Max. Continuous Operating Voltage (Uc)	≤20V	≤60V
Voltage protection level (Up @line-line)	20V@ 3kV (1.2/50)	60V@ 3kV (1.2/50)
Voltage protection level (Up @line-GND/PE)	60V@ 3kV (1.2/50)	400V@ 3kV (1.2/50)
Nominal Discharge Current (In @8/20μs)	2.5kA	
Max. Discharge Current (Imax @8/20μs)	5kA	
Surge Life at 0.5kA (8/20μs)	>2000 events	
Bandwidth (3dB) per pair	250MHz	
Return Loss (100Ω)	-16dB	
Lightning protection	10kV@8/20μs, 10kV@10/700μs	
Transmission Rate (Mbps)	1000x24 port	
Response Time (ns)	≤1	≤25
Insert Loss (dB)	≤0.2	
Working Temperature	-40℃~+80℃	
Working Humidity	<95% Non-condensation	
Net Weight (kg)	2	

Installation Diagram



Installation Instructions

	NO	Step
	1	Connect Cat5/6 cable to OUT (1)
	2	Connect the protected device of PoE devices and network switches to IN (2)
	3	Connect ground lead (3) to the grounding device



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