



**Model SP-005POEWM1**

**Waterproof Gigabit PoE Surge Protector**

**Product Datasheet**

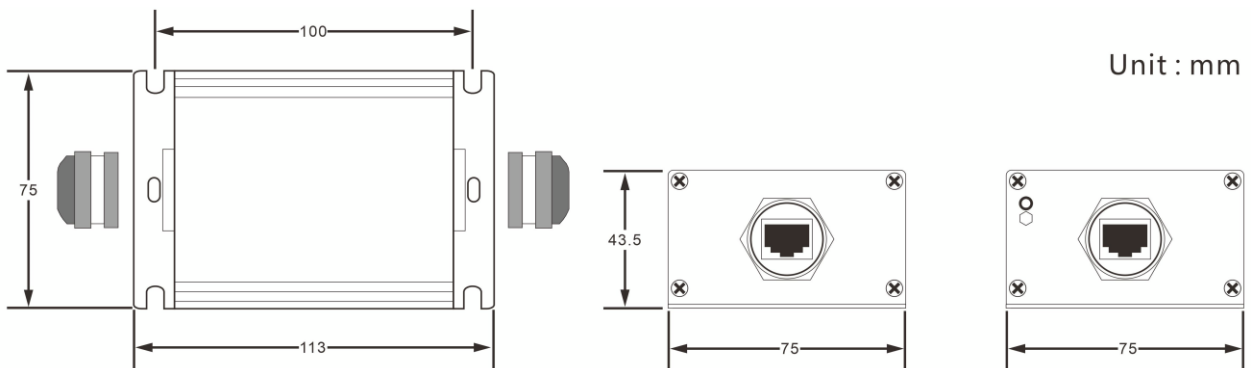


**SP-005POEWM1** is a Waterproof Gigabit PoE Surge Protector. It protects PoE cameras, PoE switches, servers, modem, network terminals and other network communication equipment in surveillance systems.

## Features

- ◆ Compatible for 10/100/1000Mbps PoE and network
- ◆ Support 1, 2, 3, 6 or 4, 5, 7, 8 power line protection at the same time
- ◆ Reasonable circuit design, very low insertion loss
- ◆ Special signal isolation technology, reduce surge strike for network devices

## Dimension



**Note: Dimension error value  $\pm 1$  mm**

## Housing Parameter

Category	Description
Protection Class	IP67
Housing Material	Aluminum Alloy
Flame Retardant Class	V-1
Interface Material	PC
Dimensions (L x W x H)	113x75x43.5mm
Sealing Element	Silicone Ring

## Technical Parameter

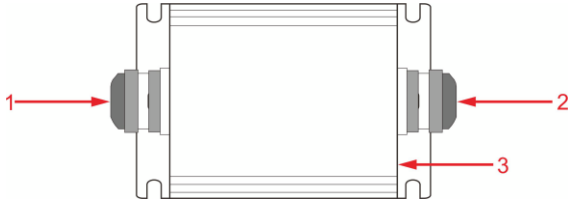
Category	Description	
Protected Signal	Network	Power
Working Voltage Un (V)	6/12	48
Limiting Voltage Up (V)	≤20	≤60
Voltage protection level Up(V)	60	400
Response Time (ns)	≤ 1	≤ 25
Transmission Rate (bit/s)	1000M	
Normal Discharge Current In (kA)	5	
Maximum Discharge Current I <sub>max</sub> (kA)	10	
Insert Loss (dB)	≤0.2	
Terminal Type	RJ45	
Net Weight (g)	287	
Working Temperature	-40°C ~ +80°C	
Working Humidity	<95% Non-condensation	

## Installation Diagram



## Installation Instructions

Please first loosen the waterproof connector, then insert the Ethernet cable through the waterproof connector and attach the RJ45 connector to the corresponding port on the product. Ensure the water blocking plug is properly installed and securely tightened!

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



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