



# **Gigabit Outdoor 60W PoE Surge Protector**



**Quick Installation Guide**  
DN-95424

## **1. Introduction**

DN-95424 is a single-port PoE surge protector designed for exterior applications with an IP 67 rated Aluminum alloy case. It supports 8 lines network signals and provides surge protection for PoE wires. The maximum common mode surge voltage is 10KV (10/700us) and max differential mode surge voltage is 6KV (10/700us). It supports 10/100/1000Mbps of data rates. Ideal for 60W (max) PoE wires and well protects your devices against surge damage. Designed for outdoor use, the DN-95424 operates from -40°C to +65°C in an IP67 enclosure and works with voltage 60Vdc(Max). Equip port should always be connected to device which you want it to be protected.

## 2. Features

1. Maximum common mode surge voltage is 10KV (10/700us)
2. And max differential mode surge voltage is 6KV (10/700us)
3. Supports 10/100/1000Mbps of data rates
4. Ideal for 60W (max) PoE wires
5. IP 67 ideal designed for outdoor use

## 3. Package Contents:

- 1x PoE Surge Protector
- 1x Ground lug Wire: 16AWG
- 1x QIG



## 4. Product Specification

Standard	<ul style="list-style-type: none"><li>• IEEE802.3 10Base-T Ethernet</li><li>• IEEE802.3u 100Base-Tx Fast Ethernet</li><li>• IEEE802.3ab 1000Base-T Gigabit Ethernet</li><li>• Support PoE wire with IEEE802.3af/at standards</li><li>• Support 60W PoE++ standards</li><li>• RoHS Compliance</li><li>• WEEE Compliance</li></ul>
Operating Voltage	Support Max 60Vdc
Maximum Operating DC Current	0.68A for 2 pairs, 1.36A for 4 pairs, maximum 60W
Power Pins	4/5(+), 7/8(-) and 3/6(+),1/2(-)
Data Speed	10/100/1000Mbps
Operating Temperature	-40°C to 65°C
Operating Humidity	20% to 80%, non-condensation
Storage Temperature	-40°C to 85°C
Storage Humidity	10% to 95%, non-condensation

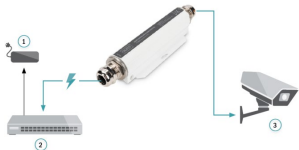
Operating Altitude	Up to 5000meters
Max Discharge Current	20KA(8/20us,2.5KA per line)
Protected Line	1,2,3,4,5,6,7,8
Common Mode Protection Level (10/700us)	10KV
Differential Mode Protection Level (10/700us)	6KV
Clamping Voltage (Line to GND)	120 V
Clamping Voltage (Line to Line)	25V
Insertion Loss @10MHz/100MHz	-1db
Return Loss @10MHz/100MHz	-20db
Response Time	5ns
Case	Aluminum alloy
Color	White
Mounting	Wall-mounted
IP Rated	IP67
Size	209 X 53 X 37.5mm
Weight	380g

## 5. Product Overview



1. Equip: Protected equipment connect to Equip Port
2. Earth
3. Mounting Hole
4. Line: Lighting Surge Input Port

## 6. Product diagram



1	AC Power	3	Network Camera
2	PoE Switch		

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Assmann Electronic GmbH

Auf dem Schüffel 3

58513 Lüdenscheid

Germany

