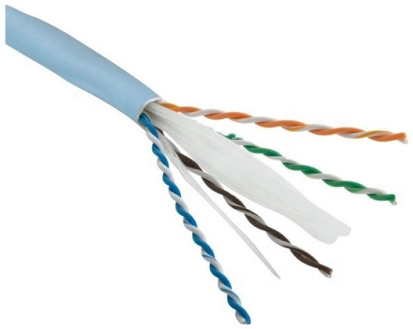
PoE switch struck by lightning



Overview

Install a high-quality surge protector on the PoE switch or injector to shield your cameras from lightning-induced power surges —this is the most critical step in preventing costly damage. What is the explanation?

What can I do to avoid it?

Can the lightning enter through the indoor network cabling?

Or maybe through some network device not connected to UPS?

Hi, I have problems with the network devices every time there is a thunderstorm. Lightning and thunder was without any delay and extremely loud. Right after the strike all my security cams went offline. They are all hooked up to that switch, and powered. FS recommends two types of 24 port PoE+ (Power over Ethernet Plus) managed Ethernet switches to provide high-quality and efficient networks: S1400-24T4F 24 port Gigabit PoE+ managed switch and S1600-24T4F 24 port Gigabit PoE+ managed switch. But with great convenience comes vulnerability.



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Article Content

Lightning damaging Switches PoE modules and indoor Access Points

This can be a surge caused by the lightning striking the electricity supplier''s infrastructure. However, if there was a power outage after a storm, it could also be caused by a surge

Lightning damaging Switches PoE modules

Always suffer the PoE module of some switches, also some indoor access points and some network cards from PC''s or printers. It seems closed to the circuit Switch PoE - Indoor Access

POE ports dead after lightning strike

Today we had a massive thunderstorm coming through and one lightning strike must have hit my house or at least very close by. Lightning and thunder was without any delay and

Lightning just struck and fried my poe switch even though i ...

Standard surge protectors give up quickly with a close or direct lightning strike, that''s a lot of energy. Also, sometimes it''s not your main switch''s power source, it''s a device somewhere else such as a

How to Protect Your Gigabit PoE Network from Power Surges?

Power surges, whether caused by lightning strikes, electrical overload, faulty wiring or unstable utility grids, can severely damage PoE switches, injectors and connected devices.

How to Protect Network Switch from Lightning? (3 Best Ways)

How to Protect Network Switch from Lightning? The most effective way to protect your network switch from lightning is to use a surge protection device and Shielded cables.

Can a RJ-45 cable be damaged by lightning : r/networking

The lightning (I''m assuming) induced enough current in the long ethernet cable to blow up the PoE circuitry on the switch port. PoE on that port never worked again, even though it would still switch traffic.

When Lightning Strikes. What works and doesn''t work.

My Power-over-Ethernet (PoE) equipment did a lot worse than other equipment. There are various anecdotes that can be found that may support that PoE is most sensitive to lightning.

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How to Protect Poe Cameras from Lightning and Ensure Safety

Install a high-quality surge protector on the PoE switch or injector to shield your cameras from lightning-induced power surges —this is the most critical step in preventing costly damage.

3 Best Ways to Protect Your Outdoor Security Camera from Lightning

Can''t afford to keep replacing PoE switches & IP cams due to lightning, and you need some helps from professionals? A lightening could kill your expensive outdoor CCTV cameras and

Ethernet Gigabit Surge Protector Kit with CAT 6a

Supports POE, POE+, POE++ powered devices. Can be used for both POE and non-POE data Ethernet connections. Ethernet Gigabit Surge Protector

Falling Thunder Martial Artist Build Guide

The Falling Thunder Martial Artist shows you how to level and build you character from level 1 to the Edngame in Path of Exile Return of the Ancients.

When Lightning Strikes. What works and doesn''t work.

The damaged switches worked well enough initially.For the most part, only PoE devices (couple of security cameras and wireless access points) didn''t work. I had an old spare switch

Protect Your Security Cameras from Lightning

They also help keep cameras safe from power surges by acting as a buffer and giving the camera a steady supply of power. Also, some PoE switches

Tupavco TP302 Ethernet Surge Protector PoE

Ethernet Surge Protector is a surge protection device (SPD) that is inserted inline on an RJ45 CAT6/CAT5/CAT5e cable to prevent damage of electronic networking

Surge Protection for POE Injectors / Adapters

PoE is widely used to provide power to sensitive electronic devices that can become damaged or destroyed if a surge event occurs. The increased uptake of PoE has meant that networks are often

Amazon : Tupavco Ethernet Surge Protector

Powerful surges that the device protects against include direct lightning strikes, voltage spikes, or PoE overvoltages. Despite the primary protection (a direct

SD59225 struck by lightning... Warranty? DIY fix?

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This particular strike took out many other pieces of gear: Gate opener, well pump contactor, 1 Hikvision, 1 Dahua (IPC-HDW4231EM-AS), 24-port Trendnet Gbit switch, 8-port Netgear

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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