

Outdoor PoE switch is too hot



Overview

High temperatures may cause the power supply chip in the PoE module to trigger overheat protection, resulting in a direct power supply interruption. When installing PoE switches outside, climate control should always be considered because extreme temperature fluctuations can cause the switch to malfunction. Come-Star's industrial PoE switches can operate at temperatures ranging from -40°C to $+75^{\circ}\text{C}$ and store at temperatures from -40°C to $+85^{\circ}\text{C}$! They can adapt to various high and low-temperature. But I'm worried about how it will handle hot summer temps (up to ~ 100 degrees Fahrenheit outside with 100% humidity). However, PoE setups can encounter various issues. Here are some common PoE issues and how to troubleshoot them: 1. The other option would be a standard 5 port switch with 4 PoE injectors, this is not ideal both due to price and I'd imagine this may run into the same.



Article Content

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PoE Switch Operating Temperature-Everything You Need to Know

For outdoor or non-constant-temperature environments, choose industrial-grade PoE switches that support operating temperatures from -40°C to 75°C, wide-voltage input, and lightning protection.

PoE Troubleshooting: The Common PoE Errors and Solutions

Common PoE faults include PoE switch not providing power, a PD powering off or reloading, and some PD powering on while others are not. Here provides PoE troubleshooting lists ...

7 Useful Tips for Installing PoE Switches Outdoors

The easiest way to protect your PoE switch is to install an outdoor PoE surge protector. It helps keep the surge voltage within a safe threshold so that the dielectric strength of the PoE device ...

PoE Switch Operating Temperature Guide | Ensure Stable ...

Discover why operating temperature is critical to PoE switch performance. Learn ideal temperature ranges, the impact of heat on power and data transmission, and how to ensure stable ...

POE Cooling A POE Switch – James Batchelor

For years I've been searching for a passively cooled 16-24 port L2 managed POE switch to replace a Cisco SG110-16HP unmanaged POE switch. Seemingly impossible, the need to play ...

PoE Switch for Extreme Temps? : r/homelab

Here is a DC powered, unmanaged 10-port PoE+ switch that is designed to run in temperatures of -40 to +167° F (-40 to +75° C). By browsing around their pages you can find just about anything you are ...

18 Best Outdoor Activities in San Diego, California

Discover the best outdoor activities in San Diego California from the best beaches, scenic hikes, watersports and more. Includes a handy map.

Things to Do in San Diego, CA

Surf the Ocean, Explore Marine Life, Shop at Third Avenue Village, and Dive into Family Fun at Aquatica. Whether you are an outdoor adventurer or looking to explore the city, San Diego is your ...

Heat Rise Concerns with High-Powered PoE

PoE technology uses a constant power delivery model, which inherently has a lower heat rise risk. When unsure of a PoE system's potential for heat rise, the simplest solution is to reduce the number of ...

10 Best Outdoor Activities in San Diego | Relive

From the stunning Torrey Pines State Natural Reserve hiking trails to the rugged terrain of Anza-Borrego Desert State Park, San Diego CA offers a diverse range of hiking experiences for all ...

PoE Troubleshooting: Common PoE Issues and Solutions

Check PoE Settings: Access the switch configuration and verify that PoE settings are enabled and properly configured. Firmware Updates: Ensure the switch firmware is up-to-date to fix ...

Outdoor Outreach

Outdoor Outreach is a San Diego based nonprofit that utilizes the outdoors to inspire youth to see possibility and opportunity in their lives.

San Diego's Best Outdoor Activities [Updated 2026]

From thrilling water sports to breathtaking hikes, San Diego truly has it all. In this article, I'll be sharing the crème de la crème of outdoor activities - those that have captured my heart and ...

Top Considerations for PoE Outdoor Deployments

Although outdoor PoE equipment is designed to withstand harsh environments, environmental qualities should still be considered when deployed. For example, direct sunlight ...

Question

I am looking for a recommendation on a 5 port PoE switch that can handle such temperatures, preferably from Ubiquiti but any brand is fine. The other option would be a standard 5 ...

41 Outdoor Dining Spots to Try in San Diego

In terms of outdoor dining, the top of Del Mar Plaza is a golden standard. Il Fornaio offers formal dining on its own (closed-in) patio, but for informal drinking and eating, snag a couch on the...

TOP 10 BEST Outdoor Activities in San Diego, CA

What are people saying about parks in San Diego, CA? This is a review for parks in San Diego, CA: "I went to EcoBoats toward the end of October, and it was the perfect night to go! They provide ...

The top Nature and Outdoor activities in San Diego, Ca.

Explore San Diego's Outdoor Fun and Natural Wonders. With mild weather all year long and plenty of beautiful wide-open spaces, San Diego is the perfect place to explore nature and have fun outdoors.

35 Outdoor Activities In San Diego: Hikes, Kayaking, Biking & More Fun

You can easily spend a few hours walking around the birthplace of California and cap it off with some delicious Mexican food or a giant margarita. For more inspiration, read my Old Town ...

Contact Us

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