

PoE switches can connect to non-PoE devices



Overview

PoE doesn't carry through additional switches/hubs, it will only be supplied to devices that are directly connected to a PoE switch (and only by request). If you have a PoE switch, and want to pass PoE to client devices, you should not use non-PoE switches in. Generally, no. What Are Non-PoE Devices?

Devices that are not PoE (Power over Ethernet) do not draw power from network lines. They instead depend on AC or DC power sources. Is it safe to do this?

Do i need to change any settings?

Archived post. PoE devices are network equipment that can send out or receive the PoE power along with data, such as PoE switches, IP cameras, wireless access points, while non-PoE devices can only. And what happens if you accidentally plug in a normal (non-PoE) device into a PoE switch?

I explore all this – and more – in this video. including via a VERY suspect looking demo! I combined TWO power over Ethernet switches with three non-PoE devices (a HP printer, DVD player and TP-Link Gigabit. In network deployments, PoE technology is widely used due to its advantages of simplified cabling and reduced costs. However, the coexistence of old and new devices and different standards is common. In this article, we will answer this common question and delve into the safety and application practices of PoE technology.

Article Content

Feb 12, 2026

PoE and Non-PoE Device Compatibility Detailed

Understanding the compatibility between PoE and non-PoE devices is essential for stable network operation. This understanding also helps prevent potential device damage.

Nov 03, 2025

Can PoE Switch Be Used with Non-PoE Switch?

Everything you want to know about PoE switches, can they pass through non-PoE switches? Can they be connected to non-PoE devices? With a

May 08, 2026

Can I Use a Poe Switch with a Non-poe Device in 2025? — tldr

Can PoE Switches Work with Non-PoE Devices? The short answer is yes. PoE switches can indeed be used with non-PoE devices. Here's how it works: Auto-Sensing Ports: Most modern

May 21, 2026

Back Button

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Mar 28, 2026

What is a PoE Switch

PoE Switches - what are they, when to use them, what to know about them, and when not to use them. Power over Ethernet is a valuable technology

Dec 11, 2025

Value LANtest cable and PoE tester

For testing coaxial cables there are two adapter cables (BNC/RJ-45) with battery for the test device: 1x 9V block (not included). With the enclosed PoE check it can be tested whether there is PoE on a

May 17, 2026

Meraki Switches

Meraki MS Switches combine enterprise-grade hardware with cloud management, allowing your organization to scale effortlessly. Explore the models.

Dec 06, 2025

Ubiquiti Store United States

Precision-timed AV switching with 10G ports, 100G uplinks, & PTP sync support

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Can PoE Switch Be Used with Non-PoE Switch

Can PoE Switch Pass Through Non-PoE Switch? For those who have both PoE and non-PoE switches, they may wonder whether the PoE switch can supply power to the device through the non-PoE

Jul 20, 2025

Can a PoE Switch Power Non-PoE Devices? The Safe

YES. It's easier than you think to connect non-PoE devices to a PoE switch. Learn the 2 safe methods that prevent damage to your equipment.

Sep 27, 2025

Problem Solved: Mixing PoE and Non-PoE on the Same

So there are two main questions when mixing the PoE and non-PoE devices on the same switch: 1) data streams only when using the regular network

May 25, 2026

Can PoE Switch Be Used with Non-PoE Switch?

For those who have both PoE and non-PoE switches, they may wonder whether the PoE switch can supply power to the device through the non-PoE switch? The answer is NO! PoE will only

Sep 30, 2025

Cisco Industrial Ethernet 3000 Layer 2/Layer 3 Series

This data sheet describes the benefits, specifications, and ordering information for the Cisco Industrial Ethernet 3000 Series Switches.

Sep 29, 2025

Comparing PoE vs Non-PoE Switch: Can They Work

This configuration works seamlessly because the PoE switch manages both power and data distribution independently of the non-PoE switch. It ensures that all

Apr 22, 2026

Network switch

Network switch Avaya ERS 2550T-PWR, a 50-port Ethernet switch A network switch (also called switching hub, bridging hub, Ethernet switch, and—by the IEEE —

Nov 25, 2025

Can I Plug a non-poe Device into a Poe Port? : r/Ubiquiti

You can definitely use non PoE devices on PoE ports, but just make absolutely certain you haven't configured the port to use passive 24 volt PoE as doing so will almost certainly fry the device. 24v

Jun 18, 2026

Can Use PoE Switch with Non-PoE devices?-Blog-GZCOM

By implementing these troubleshooting measures, users can overcome common challenges associated with connecting non-PoE devices to a

Nov 08, 2025

Will a PoE switch damage non PoE devices?

PoE switches intelligently identify the type of connected devices and only transmit data to non-PoE devices without providing power. Therefore, from a power perspective, the connection between non

Sep 22, 2025

Comparing PoE vs Non-PoE Switch: Can They Work

In contrast, non-PoE switches handle data transmission only. They do not supply power and require all connected devices to have their own power

Jan 10, 2026

Problem Solved: Mixing PoE and Non-PoE on the Same Network Switch

So that proves that you CAN plug “normal” devices into a powered Ethernet switch without any problems, but why is this? And are there any

Apr 27, 2026

Can Power over Ethernet (PoE) be passed over non-PoE switches ?

Generally, no. PoE doesn't carry through additional switches/hubs, it will only be supplied to devices that are directly connected to a PoE switch (and only by request).

Aug 12, 2025

PoE vs. Non-PoE Switch: Power Your Devices (USA)

Confused by PoE vs. Non-PoE switches? We break down the key differences to help you pick the right switch for your network in the USA. Power

Sep 18, 2025

Plugging non-PoE Devices Into PoE Switches: Will It Go

PoE switches LITERALLY send electricity surging down an Ethernet cable. So what happens if you plug a non-PoE device into such a switch? I test it

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