

BNC connection to PoE switch



Overview

Connecting a PoE camera to a BNC connector is simple with a PoE-to-BNC converter, which powers the camera and transmits video over coaxial cable. You can use a Balun to send the analog COAX signal over a Cat6 cable, but you would then need another Balun at the other end to switch it back to a COAX cable to connect the camera directly to an analog DVR. Anyway, fast forward a few years and now he wants to upgrade his CCTV system to the POE/NVR/ Blue Iris way of doing things. It's not feasible to replace the BNC cables with Ethernet cables (well, not. However is it possible to plug the power + BNC (video) from the camera into the adapter, convert to PoE then take that newly adapted PoE line and plug that straight into a router / switch, instead of having to re-convert back to the original power + BNC (video) on the other end?

Essentially I'd like. Hi, we purchased a bunch of Reolink PoE cameras, a PoE switch and PoE NVR, to upgrade the old security system that is failing and to get extra features.



Article Content

Apr 14, 2026

What are the main differences between BNC and POE?

The main differences between BNC and POE lie in their functionality and applications. BNC connectors are used for signal transmission and provide a secure connection for devices such as video cameras

Feb 21, 2026

BNC vs. PoE Security Camera: Comparison Between

Compare BNC vs PoE security cameras to choose the best one for you. Learn about the differences in installation, scalability, flexibility, resolution,

Dec 19, 2025

How Do BNC and PoE Compare in Functionality?

How Do BNC and PoE Compare in Functionality? When comparing the functionality of BNC connectors and POE technology, it's clear that they serve different purposes. BNC connectors are primarily used

Aug 11, 2025

BNC /12v cable to cat6 poe switch

Thanks for the quick reply. "Why exactly can you not replace this BNC COAX/12v camera?." Was you thinking of replacing it with another camera?

Apr 15, 2026

networking

I have an old power + BNC (video) style CCTV camera that I would like to convert to a camera that uses Power over Ethernet (PoE) as well as being able

Jul 24, 2025

BNC vs POE: Key Differences and Applications Explained

Compare BNC connectors and POE technology in terms of signal transmission, power delivery, and installation efficiency to determine the best

Aug 10, 2025

LINOVISION Ethernet Over Coax Converter (EOC) POE

POE & IP OVER TWIST PAIR CONVERTER - Each pair of EOC (Ethernet over Coax) Converter is equipped with 2 BNC to Twist Pair connectors, which enables

Dec 23, 2025

Which converters to use for new PoI cameras and PoE VNR with old

We need converters to connect the PoI cameras to the BNC cables on the roof and also converters to connect the ends of the BNC cables in the basement to the NVR, or rather the PoI switch.

Feb 17, 2026

What Are BNC and PoE, and How Do They Differ?

What Are BNC and PoE, and How Do They Differ? BNC (Bayonet Neill-Concelman) connectors are widely used in the electronics industry for their robustness and reliability. They are commonly found

Feb 27, 2026

BNC /12v cable to cat6 poe switch

You can use a Balun to send the analog COAX signal over a Cat6 cable, but you would then need another Balun at the other end to switch it back to

Mar 01, 2026

Amazon : Bnc To Poe Adapter

Explore BNC video balun transceivers for professional surveillance setups. Support for multiple video formats and long-distance transmission.

Aug 01, 2025

Anyone here had any success with running PoE cameras over

There's 28 bnc cameras, with some runs being 100m long. I'd like to use the existing cable and saw that they make PoE to PoC converters but I'm kind of skeptical. Are these a bad idea? I normally run

May 01, 2026

PoE vs BNC Camera System, Why I Upgraded CCTV

The PoE ports on the NVR provide both connectivity and power to the camera. This makes the installation very simple. Viewtron hybrid DVRs (BNC + IP

Jul 27, 2025

PoE vs BNC Camera System: Which is Best for Your

Compare PoE vs BNC camera systems. Learn about the differences, advantages, and which system suits your security needs. Make an informed

Dec 09, 2025

Which converters to use for new PoE cameras and PoE NVR with old BNC ...

Hi, we purchased a bunch of Reolink PoE cameras, a PoE switch and PoE NVR, to upgrade the old security system that is failing and to get extra features. However, when we tried to

Aug 10, 2025

How to Connect Poe Camera to Bnc Connector Easily

Connecting a PoE camera to a BNC connector is simple with a PoE-to-BNC converter, which powers the camera and transmits video over coaxial cable. Just

Aug 12, 2025

How to Connect Analog BNC Security Cameras to Your NVR System

Quick tip to connect your old BNC cameras to a new NVR: you'll likely need a BNC adapter. If you're looking to upgrade your security system without replacing all your existing analog

Aug 13, 2025

Top 5 Best Bnc To Poe Adapter (Noteworthy Choices) of 2026

This guide will help you understand the essential factors to consider when buying a BNC to PoE adapter, ensuring you make an informed decision that meets your connectivity and power needs.

Jan 15, 2026

What Are the Key Differences Between BNC and PoE?

1. BNC Connectors BNC connectors are designed with a simple yet effective mechanism that allows for quick and secure connections. They feature a bayonet-style locking mechanism that ensures a tight

Aug 25, 2025

Can BNC cables be converted, somehow, to connect to POE cameras

It's not feasible to replace the BNC cables with Ethernet cables (well, not concealed within the walls). What options does he have if he wants to upgrade his cameras to the POE type?

Dec 31, 2025

How to Convert an Ethernet IP PoE RJ45 Cable CCTV System into BNC ...

How to Convert an Ethernet IP PoE RJ45 Cable CCTV System into BNC Analog Using Baluns over Cat5 SSR Trading Ltd. Security Videos 14.4K subscribers Subscribed

Jun 30, 2025

Help needed with a POE/BNC DVR/NVR setup : r/videosurveillance

Is it maybe possible to convert the BNC signal to work with the NVR through some sort of adaptor? This would simplify the internet connectivity as the NVR has WiFi, and get me to use a newer machine by

May 01, 2026

How to convert ethernet security cameras to bnc »

Determine the camera's compatibility: Check if your ethernet security camera supports analog video output via BNC connections. Not all cameras can

Jul 08, 2025

BNC to POE convertor (swann dvd with poe to bnc camera)

I have a swann 1080 dvd camera setup that takes poe ethernet cables. The swann poe/eth cameras are about 250\$ each. I wanted to add two additional cameras that were 700tvl.

Sep 17, 2025

Connecting Your IP Camera to a BNC DVR: The Ultimate Guide

Connecting an IP camera to a BNC DVR (Digital Video Recorder) can enhance your security system significantly. Many users find themselves confused about how to link these two

Jan 21, 2026

Ethernet-over-Coax Switch w/ PoE Pass-Through -

In such a system, an ECS1084 unit functions as a four-channel Ethernet-over-Coax converter, each of which includes an RJ45 port and the adjacent BNC port on the

Aug 05, 2025

How to connect a PoE wired "IP" camera to > Cat6 to > BNC ...

Then I connect the BNC end to the DVR, and the power end to a wall Adapter (that came with the PoE camera, which should supply the correct volts). The NVR is using it's only Cat6 connection to

Dec 15, 2025

Getting started with security: BNC vs PoE and NVR vs BI

Would this, with a PoE switch, be a good option vs. an NVR? I realize I can marry the NVR to my extra PC, but wondering what the benefits of running both the NVR and the PC would be.

Feb 26, 2026

Can BNC cables be converted, somehow, to connect to POE cameras

A friend of mine has a two-storey house and he wired his cameras in using BNC wires/cables. Anyway, fast forward a few years and now he wants to upgrade his CCTV system to

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