

# Long-distance switches and PoE switches



## Overview

These Power over Ethernet (PoE) switches are specialized networking devices that extend the reach of data and power transmission far beyond the typical 100-meter limitation of standard Ethernet cables. They can transmit power and data to distances up to and in some cases exceeding 200 meters. We understand your challenges when expanding your network reach —across a large campus or connecting multiple buildings. Port-based VLAN and Loop Protection features. The Edimax Long Range PoE+ Series Switch features. This guide will navigate the key considerations for selecting the right switch and highlight how Velolan Networks provides reliable, innovative solutions for 150m and even 250m deployments. 3af/at/bt standards define PoE operation over distances up to 100 meters using standard Ethernet. 800M 8 Port Long Range PoE+ Switch is economic and convenient way to transmit stable network and sufficient electrical power for IP devices feature long distance deployment. It equips with 8\*10/100Mbps PoE RJ45 ports and two 10/100Mbps uplink ports, providing power and network for up to 8 IP.



## Article Content

### 14 Best Poe Network Switches of 2025 — Power Your

Key Takeaways Consider switches with high PoE power budgets and long-distance transmission for extensive surveillance and device deployment.

#### IMOU SF110P 10 Port 65W PoE 8+2 Uplink Switch with Long Range

This PoE network switch supports long-distance PoE transmission up to 250 meters, making it a perfect choice for large CCTV projects, offices, warehouses, parking areas, schools, and commercial

#### Best Ethernet Cables 2026: Cat6, Cat6A & Shielded

We've pulled Cat6A, shielded, outdoor, and direct-burial cables across 50+ business installs. Here's what we actually recommend — by use

#### DH-PFS4226-24ET-240 24-port 100 Mbps + 2-port Gigabit

Product details PFS4226-24ET-240 24-port 100 Mbps + 2-port Gigabit Managed PoE Switch \* The parameters and datasheets below can only be applied to V2.0 (version 2.0) > Intelligent PoE > Red

#### Long Range PoE+ Solutions

The Edimax Long Range PoE+ Series Switch features flexible and selectable DIP switches for separating PoE ports. Select to extend extra 100 meters PoE

#### 10 Best PoE Switches for Security Camera Systems (May 2026)

That experience sent me down a rabbit hole of testing different Power over Ethernet switches specifically designed for security camera systems. Finding the best PoE switches for

#### Best PoE Switch for Security Cameras 2026: Top 6 Picks

Best PoE switch picks for security cameras in 2026. Managed vs unmanaged, 8 to 24 port models, wattage budgets, and VLAN setup for IP camera networks.

#### 7 Best Home POE Switch | Quiet, Reliable Power

This guide breaks down the essential specifications and trade-offs to help you find the right home poe switch, balancing port count, managed features, and long-term reliability for a seamless smart home

#### Long Distance PoE Switch: Optimize Your Network's

Extend your network's reach with the HoweVision 8/16/24 Port Gigabit Long distance PoE+ Switch. Get long-range PoE+ that extends up to

#### Trendnet 18 Port Gigabit PoE+ Switch, 16 x 30W PoE+ Ports, 2

These gigabit PoE+ switches with SFP slots also support long-distance fiber network applications. Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's

## 12 Best PoE Switches (March 2026) Complete Guide

Expert reviews of the top PoE switches for every budget and use case. We tested 12 models for performance, power budget, and reliability to help you choose the

### ZYXEL GS1350 6HP 5 Port Gigabit Smart Nebula Cloud Managed PoE Switch ...

Easy long-distance deployment: Traditionally, PoE switches deliver power and data with a distance limitation of 100 meters or less. The GS1350 Series fulfills the need to deploy IP camera or power

## Long Distance PoE

Connecting two 4-port long-range PoE+ switches together, then you can extend easily the PoE distance to 500 meters without involving any PoE extenders,

## Best Long-Range Outdoor WiFi Extenders 2026

Expert-tested outdoor WiFi extenders and access points for reliable long-range coverage. Includes WiFi 6 and WiFi 7 picks, weatherproofing ratings, and PoE guidance.

## Long Distance, High Power

These robust un-managed IP switches can automatically detect the correct wattage standard and deliver either 15 watts per output, or 30 watts per output, based on

## Long Distance PoE Switches: Enhancing Your Network Range

Explore the benefits and applications of long-distance PoE switches for extending network range without sacrificing performance. Learn about installation tips, cost efficiency.

## Long Distance PoE Switch: Optimize Your Network's

Our experience with long-distance PoE switches has shown us their incredible ability to extend network reach. These devices ensure that the signal

## Long Range PoE+ Switches

Each Long Range PoE+ Switch feature a DIP switch to extend the PoE+ signal at up to 10Mbps. These switches are ideal for use with access points, VoIP phones, and IP cameras in longer distance

## What is a Switch Port? A Complete Guide

It is used in data centers for server switching, LAN, desktop switch uplinks, etc. 2. #2. SFP Port A Small Form Factor Pluggable (SFP) port is a slot

## IMOU SF110P 10 Port 65W PoE 8+2 Uplink Switch with Long Range

Dual Uplink Ports Compliant with Standard 802.3af/at Extend PoE up to 250m 4KV Lightning Protection 8x 10/100 M PoE ports, 2x 10/100M Uplink ports Power Budget: Total:  $\leq 65W$  Port 1-4:  $\leq 30W$

### Efficient 4+2 Port PoE Switch for Businesses

Discover 4+2 Port PoE Switch for seamless connectivity, 35W power budget & 300m transmission. Ideal for industrial applications!

### Ultimate Guide to Choosing Long-Distance PoE Switches

Velolan Networks: Empowering Your Long-Distance Needs Velolan Networks stands at the forefront of long-distance PoE innovation. We understand the challenges of real-world

### 1500ft 8 Port Long Range PoE+ Switch, PoE Extension with ...

The 1500ft Long Range PoE+ Switch works with standard IEEE802.3 PoE/PoE+ IP devices only. The system will not work while your devices are passive PoE or non-PoE equipment.

### Ultimate Guide to Choosing Long-Distance PoE Switches

That's where long-distance PoE switches become essential. This guide will navigate the key considerations for selecting the right switch and highlight how Velolan Networks provides

## ZYXEL GS1350 26HP 24 Port Gigabit Smart Nebula

Easy long-distance deployment: Traditionally, PoE switches deliver power and data with a distance limitation of 100 meters or less. The GS1350 Series fulfills the

## Contact Us

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