

### Introduction

PoE Switch is a device that combines the functionality of a switch and a power source in one, Power over Ethernet (PoE) is a standard that allows Ethernet cables to transmit data and power simultaneously using a single network cable. It has multiple Ethernet ports that can be used to connect other devices, such as VoIP phones, wireless access points, and IP cameras.

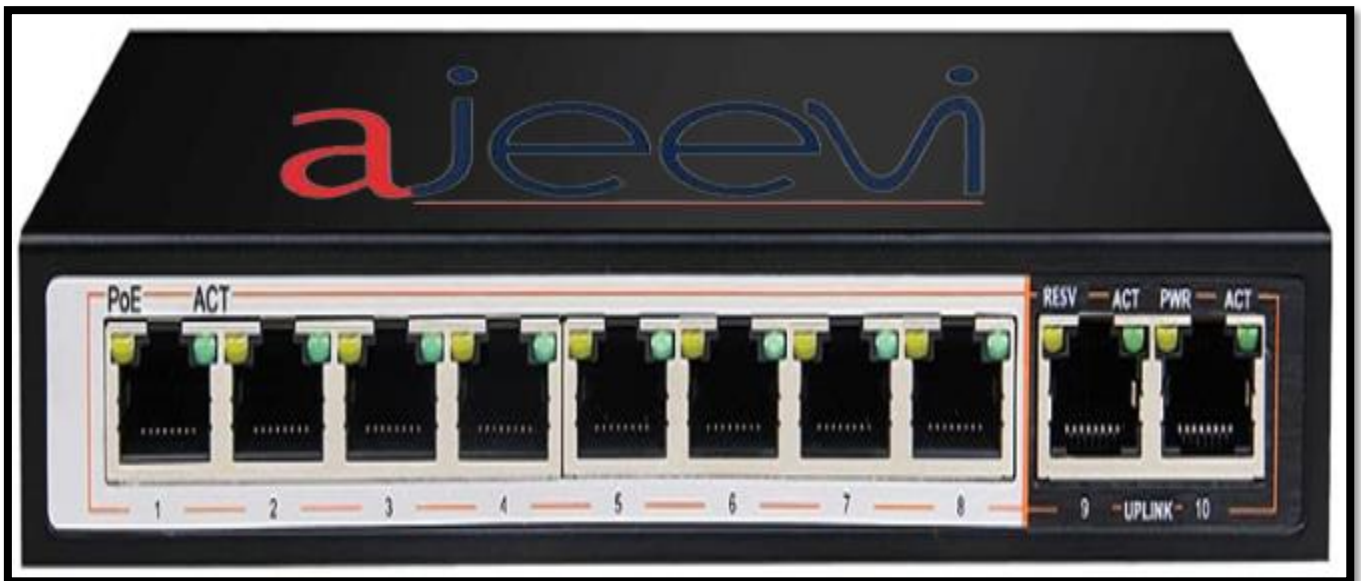
PoE eliminates the expense of installing additional electrical wiring, requiring professional electrical installers to ensure that strict conduit regulations are followed.

### Uses

PoE switches are used to send power directly to connected devices on the network. This eliminates the need for traditional electrical wiring. The initial years of PoE focused on enterprise and education applications. However, now there are even PoE devices designed for home automation, including LED lighting, smart doorbells, and voice assistants.

### Features

- Easy, Low-Voltage Installation
- Enhanced Flexibility and Control
- Data Analytics
- Robust, Secure and Reliable



**Technical Specifications**

Sr. No	Parameter	Value
<b>A</b>	<b>General</b>	
1	AC input	100 to 240 VAC, 50/60 Hz
2	DC output	DC 48 V/1.25 A (60 Watts)
3	Working Temperature	0C~55C
4	Humidity	5%~95%
5	Packet sending speed	20 Mpps
6	Switching Capacity	30 Gbps
8	PoE Protocol	IEEE802.3af, IEEE802.3at
9	Ethernet	8*10/100/1000
10	Power Consumption	2.1 Watts
11	Certification	CE, RoHS