Product Name	**GAOTek 16 port Fast Ethernet 100Mbps Switch**
Product SKU	**GAOTek-ESR-161**
Product URL	https://gaotek.com/product/gaotek-16-port-fast-ethernet-100mbps-switch/

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1. Introduction

The POE switch provides power and data to wireless access point, using Power over Ethernet (PoE) over a single Cat-5 cable. The Ethernet ports can be used for any 10/100 Mbps link and also can supply industry-standard power. Advanced Auto detection gives power only to AP devices, so no need to worry about damaging proprietary PoE or non-PoE equipment. In addition, it discontinues the power when PoE devices are disconnected. Easy and reliable, the standard automatically determines PoE requirements, speed, duplex, and cable type using Auto-detection.
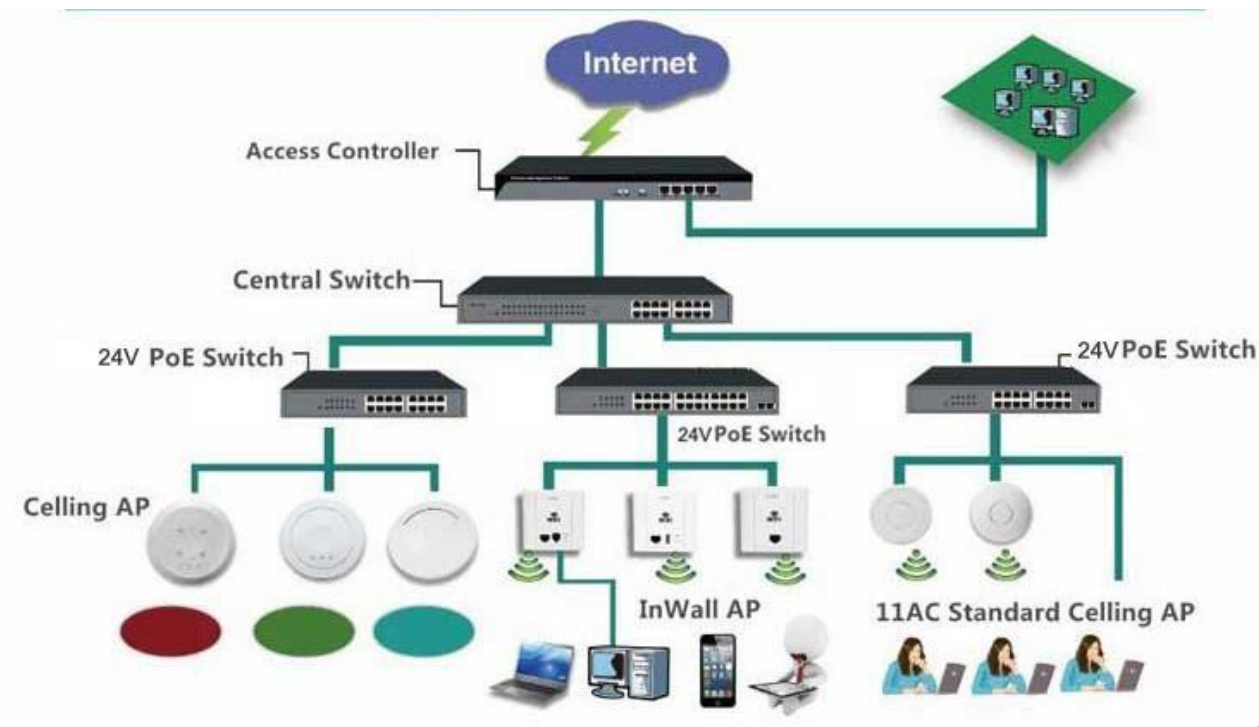
2. Easy Cabling Installation

With data and power over Ethernet from one unit, The poe switch shall reduce cables and eliminate the need for dedicated electrical outlets on the wall, ceiling, or any unreachable place. A wire carries both data and power lowering the installation costs, simplifying the installation effort, and eliminating the need for electricians or extension cords. It is a great selection for expanding your home or office network.

3. Features

- 16 ports with poe,2 ports 10/100/1000M rj45 and SFP

- 24V poe output 45+ 78-

- support poe poer up to 30w for each port

- auto detect powered device (PD)

- safe and reliable power to each of poe end device

- plug&play no configuration required

4. Application

5. Specification

	POE PORT	1-16
POE	POE output voltage	24vdc
	POE power pin	45+,78-
	POE power max	24w
	Rj45 port speed	1-16
RJ45		1-16 10M/100M
		17-18 10M/100M/1000M
SFP	SFP	17-18
	Speed	1.25G
	Backplane bandwidth	8.8G
	network delay	<20 ms
	Packet forwarding rate	6.5Mpps
Performance parameter	The packet buffer memory	256KB
	The address database size	8000
	The mean time to failure	5 years
Network protocol	Network protocol	IEEE 802.3i 10BASE-T
		IEEE 802.3u 100BASE-TX
		IEEE 802.3x FlowControl
		IEEE 802.3ab 1000BASET
		IEEE 802.3z 1000BASEX
Power Support	POE standard	Passive Poe 4/5+,7/8- 24VDC

	power supply	260w
	Power voltage	100-240v~50/60hz input
	characteristics	FPC
size	Long*wide*high	440*280*43mm
	Weight	4.5kg
	operation temperature	0° -40°C
Environmental specifications	Storage temperature	-40° -85°C
	Operating humidity	10% 90%, no condensation
	Operating height	3000 meters above sea level (10000ft)
		CE mark, commercial FCC Part 15 Class A
Radiation and security	Radiation	EN 55022 (CISPR22),ClassA
	security	EN 55024
Guarantee	switch	1-year switch
Packing	Package content Packing	AC power line
		The product specification
		Warranty card certificate