



## **24 port 10/100Mbps PoE switch (KNPS-24-A)**





## Overview

The 24 port 10/100Mbps PoE switch (with 2 gigabit Combo port ) with 400W internal power, provides a easier installation way for your PoE devices (IP cameras,VoIP,wireless AP,etc.).And it can detect your PoE devices according to PoE standard. So the users do not need to worry about the PoE switch will damage their PoE devices.The max transmission distance is 100 meters with Cat5 cables.Ideally,shorter cable would reduce the power degradation over the cables; with high quality cables also can reduce power loss.Plug & play design make the installation quite easy,users do not need any configuration,which make this PoE switch a very good choice for IP cameras,wireless AP,VoIP users.

## Key Features:

- 24-Port 10/100Mbps + 2 Gigabit Combo port
- Complies with the IEEE 802.3f/at standard
- Each switch port support auto-negotiation-10/20, 100/200Mbps (Fast Ethernet) , 1000/2000Mbps (Gigabit Ethernet).
- Support MAC address auto-learning and auto-aging
- Prevents packet loss with back pressure (Half-duplex) and IEEE 802.3x PAUSE frame flow control (Full-duplex)
- High performance Store and Forward architecture, broadcast storm control, runt / CRC filtering eliminates erroneous packets to optimize the network bandwidth
- Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput
- 8.8 Gbps Switching Capacity
- On/Off power switch

## Technical specifications:

<b>Product name</b>	24-ports unmanaged POE switch
<b>Order No.</b>	KNPS-24-A

<b>Standards &amp; Protocol</b>	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
<b>Power Specifications</b>	Input: 100 - 240 VAC, 50 -60 Hz 400W internal power 48V DC
<b>Network interface</b>	24 10/100Mbps PoE port (MDI / MDIX adaptive) 2 10/100/1000Mbps Gigabit copper RJ45 ports (MDI / MDIX adaptive) 2 SFP GBIC fiber module slots
<b>Physical Specifications</b>	Dimensions: 440 x 350x 44 mm Weight:6.0 kg
<b>Electromagnetic radiation</b>	CE mark, commercial FCC Part 15 Class A VCCI Class A
<b>Environmental norms</b>	Operating Temperature: 0°C~40°C Storage Temperature: -10°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
<b>LEDs</b>	- Each device: power light - Per port (10/100 and Gigabit): connection speed indicator - Per PoE port: PoE power-on LED
<b>Radiation / electromagnetic immunity,</b>	- EN 55024
<b>Certification</b>	CE, FCC, RoHS
<b>Performance Specifications</b>	<ul style="list-style-type: none"> <li>•Forwarding modes: Store and forward</li> <li>•Bandwidth: 8.8 Gbps (non-blocking)</li> <li>•Buffer memory: 3Mb per system</li> <li>•Addressing: 48-bit MAC address</li> <li>•the address database size: 8,000 per system MAC address</li> </ul>
<b>Warranty</b>	1 year