

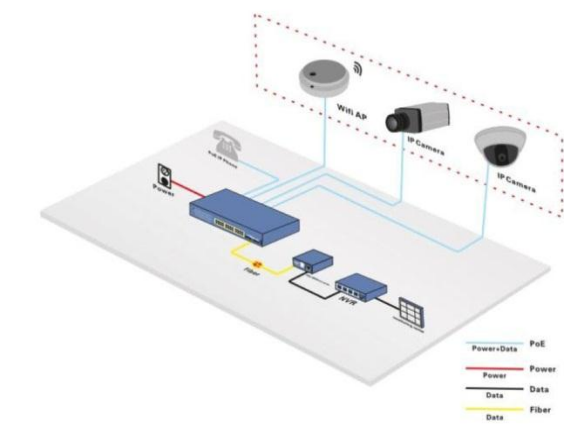
# DS5126P 24 ports PoE Fiber Switch



## Introduction:

24 ports PoE Switches fill the gap between unmanaged and fully managed switches. It is designed for growing businesses that want control over their network without the cost and complexity of a full Layer 3 management implementation. This PoE-capable Switch, provides power and data using built-in IEEE 802.3af PoE on all 24 ports. In addition, DS5126P offers an intuitive Web based management tool for quick and easy deployment and configuration making it ideal for deploying access points, VoIP phones and IP-based surveillance camera

## Application Diagramme



## Ordering information:

- DS5126P 24 ports 10/100M PoE switch with 2 10/100/1000 Fiber ports.

## Features:

- Fully IEEE802.3af/at standard compliant
- Support PoE power up to 15.4W for each PoE ports
- Auto detect powered device(PD)
- Safe and reliable power to most of PoE end device
- Plug & Play. No configuration required

## Speciafication:

Network Standards	<ul style="list-style-type: none"><li>• IEEE802.3i 10BASE-T</li><li>• IEEE802.3u 10BASE-TX</li><li>• IEEE802.3X Flow Control</li><li>• IEEE802.3af Power over Ethernet</li></ul>
PoE Power	<ul style="list-style-type: none"><li>• 15.4 per port(IEEE802.3af)</li><li>• Wiring:Data provided over pairs over1/2 and3/6</li><li>• Cable:Unshielded UPT cat.5 or higher</li></ul>
Processing types	<ul style="list-style-type: none"><li>• Store-and-forward</li><li>• Half-duplex back pressure and IEEE802.3x full-duplex flow control</li></ul>
Address database Table Size	<ul style="list-style-type: none"><li>• 8000MAC address</li></ul>
Buffer memory	<ul style="list-style-type: none"><li>• 3MB embedded memory per unit</li></ul>
Network Latency	<ul style="list-style-type: none"><li>• Less than 20us for 64-byte frames in Store-and-forward mode for 100Mbps to 100Mbps transmission</li></ul>
Administrative Switch Management	<ul style="list-style-type: none"><li>• -IEEE802.1 Q static VLAN (128 groups,static)</li><li>• -IEEE802.1p Class of service (CoS)</li><li>• -Port based QoS</li><li>• -DSCP-based QoS</li><li>• -IEEE802.3 and link aggregation (Manual or LACP)</li><li>• -IEEE802.1 D Spanning Tree Protocol</li><li>• -SNMP v1,V2c,v3</li><li>• -RFC 1213 MIB II</li><li>• -RFC 1643 Ethernet interface MIB</li><li>• -RFC 1493 bridge MIB</li><li>• -RMON Group 1,2,3,9</li><li>• -RFC 2131 DHCP client</li><li>• -IEEE802.1x</li><li>• -Port-based security by locked MAC addresses</li><li>• -MAC ACL</li><li>• -Storm control for broadcast,multicast and unicast packets</li></ul>
Network ports	<ul style="list-style-type: none"><li>• -24 10/100 Mbps auto sensing Fast ethernet ports</li><li>• -4 10/100/1000 Mbps auto-sensing Gigabit</li></ul>
	<ul style="list-style-type: none"><li>• Ethernet switching ports (RJ-45)</li></ul>
	<ul style="list-style-type: none"><li>• -2 Dual Personality SFP ports</li></ul>

