

# DS5008PF Series 8 ports PoE Fiber Switch

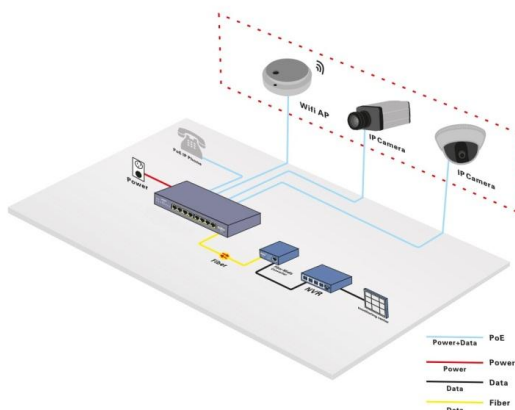


## Introduction:

This PoE switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. DS5000 series can be used for any 10/100Mbps link and supply industry-standard IEEE 802.3af power. Advanced auto-sensing algorithm gives power to 802.3af end devices. In addition, the PoE switch automatically determines PoE requirements, speed, duplex. Easy to operate and reliable.

This PoE switch is ideal for powering PoE devices such as IP cameras, WLAN access points, IP phones, office access control systems, and other PD devices and offers a line of high quality products that provide a total solution for ethernet application in different environments.

## Application Diagram



## Ordering Information:

- DS5008PF, 8 ports PoE Fiber switch, 10/100Mbps. IEEE802.3af. 100m.

## Features:

- Fully IEEE802.3af 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
- Reliable and great value

## Specification:

Technology	
Network Standards	<ul style="list-style-type: none"> <li>IEEE802.3i 10BASE-T</li> <li>IEEE802.3u 100BASE-TX</li> <li>IEEE802.3x Flow Control</li> </ul>
PoE power	<ul style="list-style-type: none"> <li>15.4W per port (IEEE802.3af)</li> <li>Wiring: Data &amp; power provided over pairs 1/2 and 3/6 or 4/5 (+) and 7/8 (-)</li> <li>Cable: UTP 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 IEEE 802.3x full-duplex flow control</li> </ul>
Buffer memory	<ul style="list-style-type: none"> <li>48Kb 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</li> </ul>
Power	
Input	<ul style="list-style-type: none"> <li>48VDC input</li> </ul>
PoE power consumption	<ul style="list-style-type: none"> <li>15.4W</li> </ul>
Mechanical	
Casing	<ul style="list-style-type: none"> <li>Metal case</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>217x105x28mm (LxWxH)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>0.63KG</li> </ul>
Installation	<ul style="list-style-type: none"> <li>Desktop</li> </ul>
Interface	
LED Indicators	<ul style="list-style-type: none"> <li>System: Power, PoE Maximum power</li> <li>Per port: Link, Activity, Speed</li> <li>PoE active, PoE error</li> </ul>
Environment specification	
Operating temperature	<ul style="list-style-type: none"> <li>0-55°C (32-104°C)</li> </ul>
Storage temperature	<ul style="list-style-type: none"> <li>-10-70°C (14-158)</li> </ul>
Operating humidity	<ul style="list-style-type: none"> <li>90% max relative humidity, non-condensing</li> </ul>
Storage humidity	<ul style="list-style-type: none"> <li>90% max relative humidity, non-condensing</li> </ul>
Regulatory Approval Safety	<ul style="list-style-type: none"> <li>CE/ROHS/FCC</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>1 year</li> </ul>