

## PoE Switch with 8 x 10/100/1000M RJ45 PoE Ports and 2 x 1Ge SFP Uplinks



FIBERWDM's 8 x ports PoE Switch provides power and data from a single point, using Power over Ethernet(PoE) over a single Cat5 cable. It can be used for any 10/100/1000Mbps link PoE port with gigabit Uplink and supply industry-standard IEEE 802.3af/ at power. Advanced auto-sensing algorithm gives power to 802.3af/ at end devices, it also offer gigabit 2 x SFP Uplink(Optional) which can be the most economic solution for long distance data transmission.

In addition, the PoE switch automatically determines PoE requirements, speed, duplex. Easy to operation and reliable. It also provides a switch button to extend the Ethernet transmission distance of 8 x PoE Ethernet ports up to 250m which make the installation more flexible.

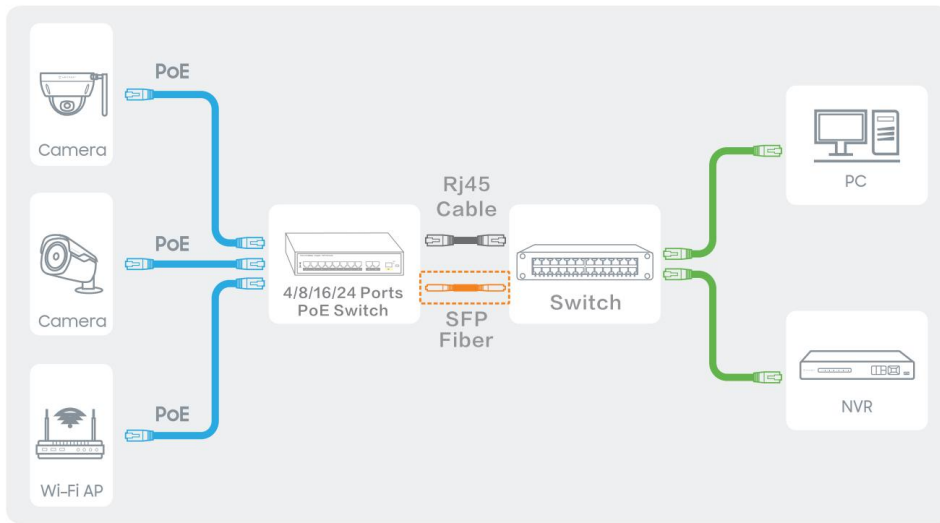
This PoE Switch is ideal for powering PoE devices such as IP cameras, WLAN access points, IP phones, office access control systems, and other PD devices and offers a line of high quality products that provide a total solution for Ethernet application in different environments.

### Product Features

- ◆ Two-layer commercial PoE switch
- ◆ Confirm to IEEE802.3i、IEEE802.3u、IEEE802.ab、IEEE802.z、and IEEE803.X Standards
- ◆ MAC auto study and aging, MAC address list capacity is 8K
- ◆ All port Self adapt MDI/MDIX mode
- ◆ All the 10/100 and 10/100/1000Mbps self adaptive RJ45 PoE ports
- ◆ Support IEEE802.3af and IEEE802.3at standards
- ◆ Commercial Wide temperature design
- ◆ Support 6KV ESD protection on all ports

### Typical Application

The typical application of the device is show as below



### Product Specification

Hardware Specification	
Model	8 x 10/100/1000M RJ45+ 2 x Gigabit SFP PoE Switch
Connector	8 x 10/100/1000Base-T RJ45 2 X 1000Base-X SFP
PoE Port	8 x 10/100/1000Mbps PSE Port
LED indicators	Power Indicator: PWR ( green), Network Indicator: Link(green) PoE Working Indicator: PoE(green)
Switch Architecture	Store and Forward
Backplane bandwidth	20Gbps
Packet forwarding Rate	14.88Mps
MAC address	8k
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(W*D*H)	310*180*44.5mm
Weight	1.4kg
Power over Ethernet(PoE) Specification	
Network standard	IEEE802.3i 10BASE-T; IEEE802.3u100BASE-TX IEEE802.3ab/z 100BASE-Tx; IEEE802.3x Flow Control
PoE Standard	IEEE802.3af Power over Ethernet/PSE IEEE802.3af Power over Ethernet Plus/PSE
PoE Supply Type	1/2(+), 3/6(-)End-span
PoE Power Output	Per Port 52V DC, 300mA. Max. 15.4 watts(IEEE802.3af) Per Port 52V DC, 600mA. Max. 30 watts(IEEE802.3af)
PoE Power budget	120W
Environment	

Environment specification	Operation Tem.: -20℃~55℃ , Storage Tem.: -40℃~75℃ Humidity: 5%~95%
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