Power over Ethernet ES3009-8P-F

◆ 9-Port PoE Switch with 8 PoE Ports and 1 SC Fiber Port

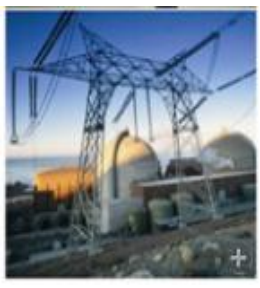
➢ Features

- Can supply power to network surveillance cameras that without PoE function
- 9x 10/100Mbps auto-sensing RJ45 ports, 8x 10/100Mbps PoE ports, 1x 155Mbps SC fiber port
- Supports port auto-flip (Auto MDI/ MDIX)
- External power supply
- Maximum power of single PoE port: 15.4W/af,25.5W/at
- Adopts store-and-forward architecture
- IEEE 802.3af power on up to 8 ports
- Features with fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall
- Built-in 1U rack power supply series, easy to place it into standard mounting brackets

➢ Introduction

The PoE Switch ES3009-8P-F provides power and data from a single point, using Power over Ethernet (PoE) with a single Cat-5 cable. With 8 RJ45 network ports + 1 fiber port, it can be used for any 10/100 M bps link and 8 of these ports can supply industry-standard IEEE 802.3af/at power. Automatically determines PoE requirements, speed, duplex, and cable type using Auto Uplink™.

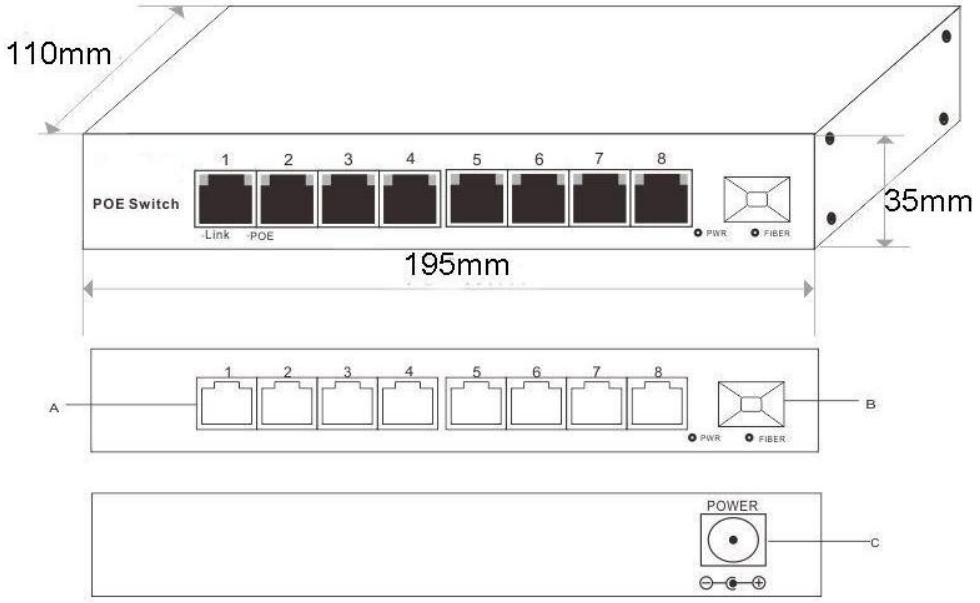
This cost-effective ES3009-8P-F provide network layout need to simplify wireless access point (AP) and IP-based surveillance cameras network cameras in order to install in commercial network and home network. The devices far away from power socket are very suitable for hanging on the wall or ceiling. PoE eliminates the need for connecting these devices to power socket. So it make more flexible for those difficult to connect with AC power socket, and cut down the installation cost. It is ideal choice for those want to deploy a small commercial network and home network that use wireless access point (AP) and IP-based surveillance cameras.



➢ Specification

Description	9-Port PoE Switch with 8 PoE Ports and 1 SC Fiber Port
Connector	9x 10/100M copper cable RJ45 ports(all ports support MDI/MDIX) 8x PoE ports, 1x 155Mbps SC fiber port
Transfer Mode	Store-And-Forward
Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) Fiber transmission distance: 25km; Data transmission: 100m
Performance	Bandwidth: 1.6Gbps (non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Packet Buffer Memory: 96KB Address Database Size: 1,000 MTBF: 190,000 hours (about 21 years)
Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af IEEE 802.3at
LEDs Status	System: power supply Every Port: connecting, PoE working status
Power	PoE port power:15.4 W(1~4 port)/af, 25.5W/at Power input: AC100-240V 50/60Hz;
Dimensions	195x110x35mm
Weight	0.5kg
Environment	Operating Temperature: 0 °~ 55 °C Storage Temperature: -20 °~ 75 °C Operating Humidity: 10% ~ 95%, non-condensing
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Safety	CE Mark ,commercial CE/LVD EN60950, RoHS
Warranty	1 year warranty(2 yeas warranty for power adapter)

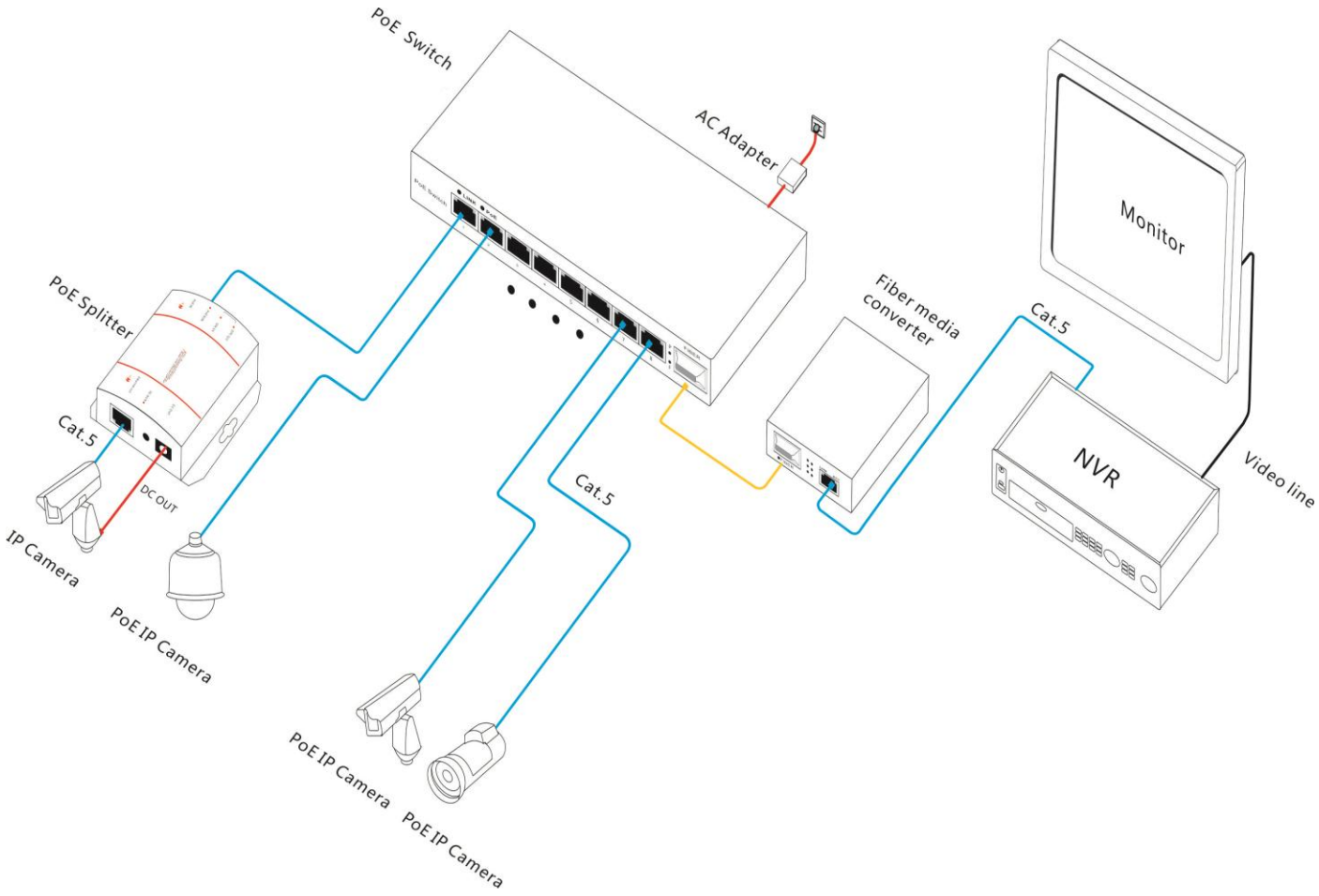
➢ Dimension



A. 8x PoE Power Port B. Uplink Port

C. DC 48V Input

➢ Application



➢ Ordering Information

Model NO.	Description
ES3009-8P-F-af	9-Port PoE Switch with 8 PoE Ports and 1x SC fiber port,48V DC ,15.4W
ES3009-8P-F-at	9-Port PoE Switch with 8 PoE Ports and 1x SC fiber port,48V DC, 25.5W

➢ Packing List

- 9-Port PoE Switch with 8 PoE Ports and 1x SC fiber port
- Power Adapter x 1
- User manual x 1
- Warranty card x 1