

# Gigabit PoE Splitter

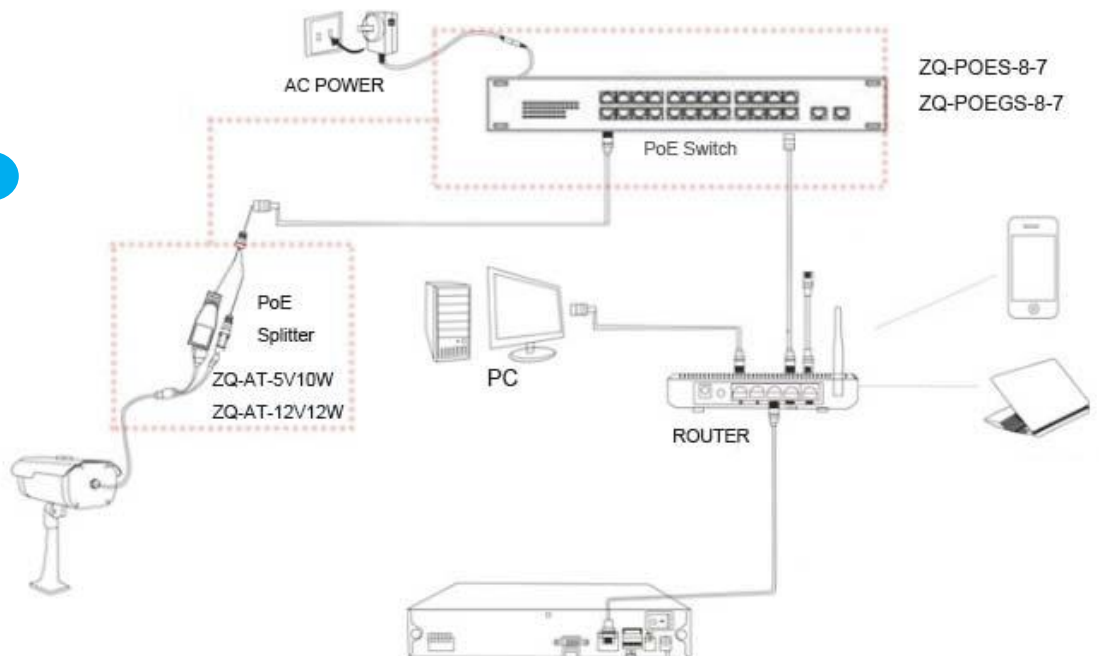
**ZQ-AT-5V10W**  
**ZQ-AT-12V12W**  
**ZQ-AT-24V24W**

## Features

- IEEE802.3at/af Compliant
- Input voltage range 36V to 57V
- 10/100/1000Mbps fast Ethernet
- Maximum 30W output power
- Integral high efficiency DC/DC converter
- Low output ripple and noise
- High performance with low price
- Short-circuit protection
- Transformer isolation, 1500V isolation (input to output)
- Easy to use, with a minimum number of external components



## Applications



- IP Cameras
- Security and alarm systems
- Wireless access point
- VOIP telephone
- Point of sale network terminal equipment

## Description

The ZQ Splitter series of modules are designed to extract power from a conventional twisted pair Category 5 Ethernet cable, Conforming to the IEEE 802.3af/at Power-over-Ethernet (PoE) standard.

The Splitter signature and control circuit provides the PoE compatibility signature and power classification required by the Power Sourcing Equipment (PSE) before applying up to 30W power to the port. The DC/DC converter operates over a wide input voltage range and provides a regulated output. The DC/DC converter also has built-in short-circuit output protection.

## Specifications

**Input:** 36-57V DC      **Output:** 5/9/12/24V(5-25W)

**Data:** 1/2&3/6&4/5&7/8

**Power:** Mode A&Mode B(Input), DC 1.35/2.1mm(Output)

**Data In:** POE ADAPTER/POE Switch

**Weight:** 55g      **Dimensions:** 350mm(Cable L=20mm)

**Cable:** TIA/EIA 568 Cat. 5      **Data rate:** 10/100/1000Mbps

**Connector:** RJ-45      **Operating Temperature:** 0°C ~ 40°C

**Storage Temperature:** -40°C ~ +70°C

**Operating Humidity:** 10%~80%RH

**Storage Humidity:** 5%~90%RH      **Certification:** CE, FCC

## LED Indicator

Rj45 Green LED ----Output power

Rj45 Yellow LED ----Input power

## How To Order

ZQ-AT-5V10W ----5V 2A Gigabit PoE Splitter DC 1.35MM

ZQ-AT-12V12W ----12V 1A Gigabit PoE Splitter DC 2.1MM

ZQ-AT-24V24W ----12V 2A Gigabit PoE Splitter DC 2.1MM