

## Gigabit PoE Switch

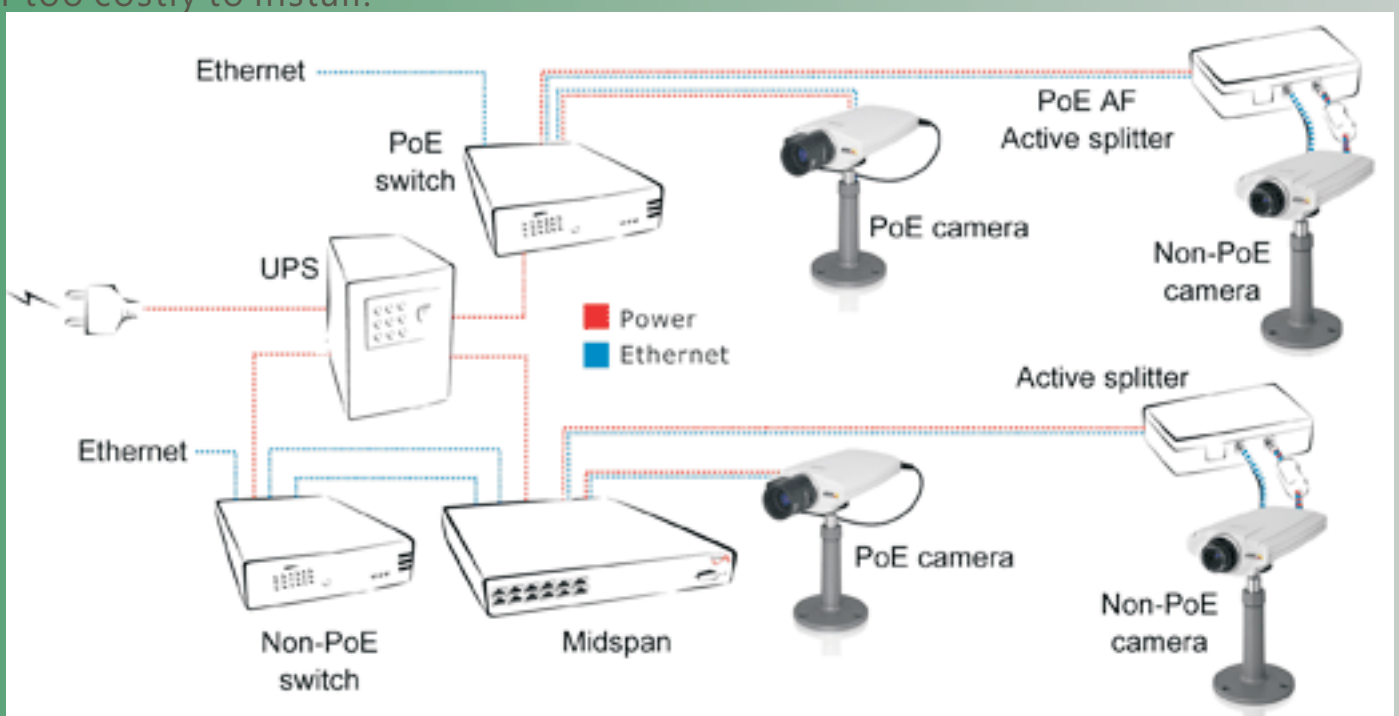
### OVERVIEW

The ZQ-POESG-8-7 Power Source Convenient switch combines an small-high efficiency 8-port 10/100 /1000Mbps switch with 7 PoE port .

The ZQ-POESG-8-7 PoE switch use an external 18VDC to 57VDC power adaptor. All 7 PoE Ethernet ports can provide 30W power as well as 10/100/1000M data transmission over standard readily available Cat 5e/6 cables. The ZQ-POESG-8-7 PoE t allow for data and power to be transmitted over a single Ethernet twisted-pair cable to the attached devices.

The ZQ-POESG-8-7 switches is Power Source Equipment (PSE) and fully compatible with Powered Devices (PD) that comply with the passivet PoE standard, allowing users to attach any PoE compliant device such as wireless Access Points (APS), VOIP phone, IP camera, printer and Network Attached Storage (NAS) to the PoE Switch without requiring additional power.

On a network. The unit is designed with home and small business users in mind and is a cost effective solution for environments where AC power is not available or too costly to install.



## FEATURES

- \* **8 switch ports with 10/100/1000Mbps auto detect operation with status LED**
- \* **Available power supply options**
  - 18 volts, 24 volts, 48 volts 56 volts
  - 30 watts, 60 watts, 120 watts
  - 100 to 240 volt AC input, 50 or 60 hz high efficiency
- \* **7 always on PoE outputs with either Mode A and/or Mode B**
  - Mode A power and data on pins 12 (-) and 36 (+)
  - Mode B power or pins 45 (+) and 78 (-) with data on pins 12 ,36,45 and78
- \* **Dual PTC fuses on each PoE output port**
  - One 650 ma fuse per port for Mode A
  - One 650 ma fuse per port for Mode B
- \* **18 volt to 56 volt operation**
- \* **Function switch on/off Mode A/B**
- \* **Power supply inputs**
  - 2.1mm power connectors, center positive
  - Mode A input with LED status
  - Mode B input with LED status
  - LED indicates 18/24 volt operation or 48/56 volt operation
  - Maximum input current per mode – 2.5 amps
  - Mode B PoE power input from the uplink port – 1 amps max
- \* **Dual Power supply operation**
  - Redundancy - 48v 802.3af only – see text
  - Load balancing – 48v 802.3af only – see text
  - Mixed voltage – Mode A at 48v and Mode B at 24v – see text
- \* **Uplink port 10/100/1000 Mbs**
  - No PoE voltage out
  - Auto detect 568 A or 568 B connections
- \* **802.3af emulation ( always on, no autonegotiation)**
  - 48 volt in either A or B modes
- \* **Mikrotik, OpenMesh, Ubiquiti passive PoE**
  - 24 volt in mode B

## LED Indicator

POWER LED

INPUT

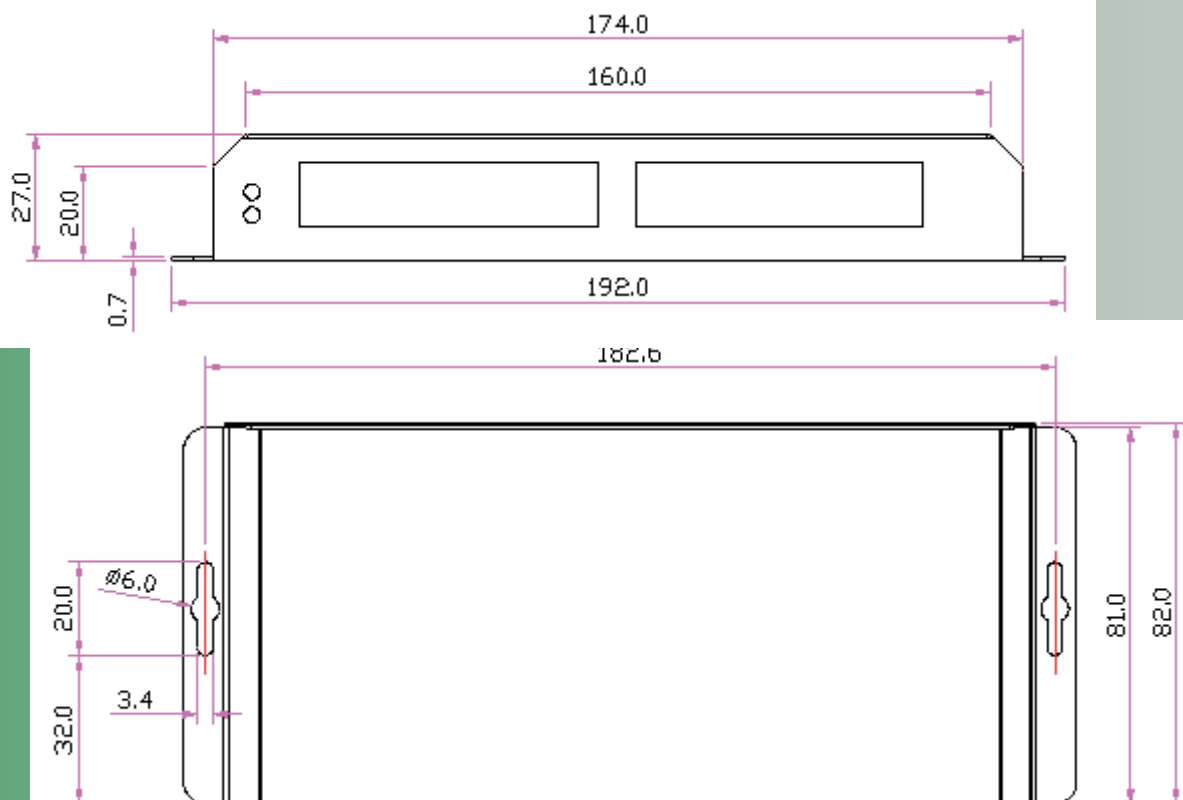
Off (0-18V)

 Green (18-37V)

 Rad(38-56V)

## SPECIFICATIONS

Input 100-240V AC 50/60Hz  
Output 18 to 56 V (650ma max per port)  
Data 1/2&3/6&4/5&7/8  
Power 12/36(Mode A) 45/78(Mode B)  
Data In Connects PC/HUB/Switch  
Weight 0.85Kg  
Ethernet Cable TIA/EIA 568 Cat. 5/6  
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  
Case of material metal work material  
Dimensions 192mm×82mm×27mm



## HOWTOORDER

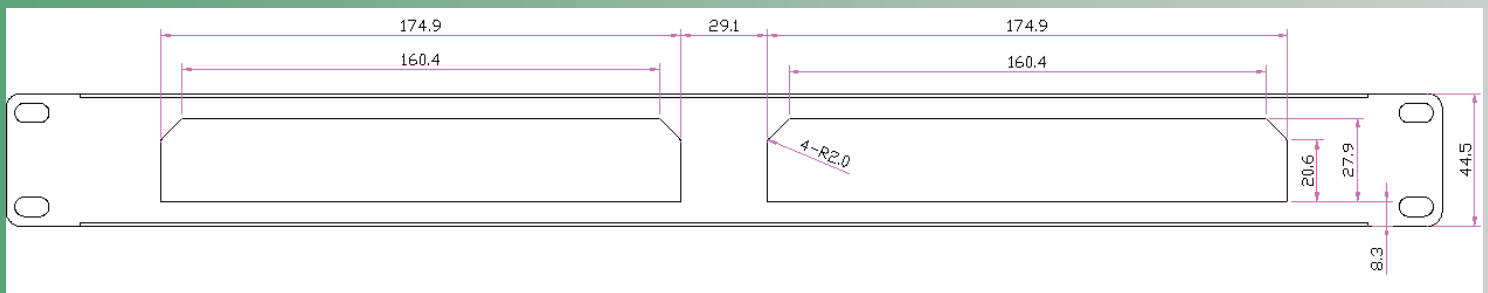
ZQ-POES-8-7 PoE Switch 10/100Mbps MODE A&B

ZQ-POESG-8-7 PoE Switch 10/100/1000Mbps MODE A&B

## OTHER

1'U 2x7 port PoE Switch

2pcs of poe switch with rack mount



Unit:mm