1-Port 10/100/1000Mbps Industrial High Power PoE Midspan Injector

BCZW

2 YEAR EXCLUSIVE WARRANTY

Internal Power

60W / PoE

6KV Lightning Protection

IES7210-102GE-60W

Key Features:

Ports: Provide 2*10/100/1000Mbps Ethernet ports
PoE Standard: IEEE802.3af/at/bt Power over Ethernet (PoE) Compliant
Total Power: Total power budget of 60W for all singe PoE ports
Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
Industrial Installation: Din Rail mounting installation
Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc
Surge protection: Protect the device from lighting surges and others electrical hazards
Considerate Design: Exquisite compact size.wall mounted with fanless design

PoE with High Power, Security, Stability and Easy Installation Features

As the applications of Power over Ethernet have expanded to home users from the IT industry. Benchu Group has developed a new Single-Port PoE++ Injector which meets the requirements of both the IT industry and home users for high wattage output and easy installation, respectively.

The POE injector is a wall-mountable, single-port **Gigabit 802.3bt PoE++ injector** with internal power supply in compact housing. Carrying both Ethernet data and power simultaneously, the POE injector helps users to utilize just one Ethernet cable to easily install and deploy IP camera, wireless AP or VoIP phone networking in environments where power outlet is hard to find. It offers an affordable, safe and reliable power solution for cost-conscious business and home users deploying Power over Ethernet networks.

All-in-One and Compact-size Design

With concepts of "Easy to install", "Plug and Play" and "Simple troubleshooting" for business and home users, the PoE injector is an all-in-one, single-port PoE+ injector with internal power supply. In the compact size housing and it provides one 48-57V DC input socket on its front panel, two LEDs (System POWER and PoE ACTIVE) on the top side and two RJ45 ports (POE port and LAN port) on the rear panel. Simply plug in the Ethernet cables and power cord, It is ready to provide high-speed network communication and high power PoE+ injector functions simultaneously with no need of software configuration.

Quick and Easy Cabling Installation for PoE Network Deployment

Complying with both 802.3af and 802.3at PoE+ standards, the POE Injector allows users to flexibly deploy standard and high powered devices to transfer data and power simultaneously through one Ethernet cable for up to 100 meters. It lso frees the security IP camera and wireless AP deployment from restrictions of power outlet locations and the additional AC wiring. It thus reduces cables and eliminates the need for electrical outlets on the wall, ceiling or any unreachable place, and most of all, it reduces installation time

Technical Datasheet

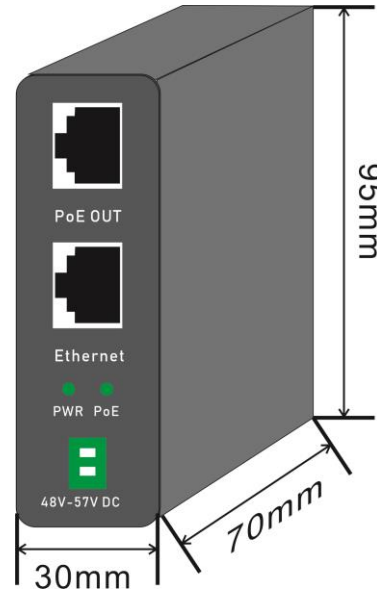| Model	IES7210-102GE-60W
Hardware Specifications	
Interface	"Data" Input Port: 1 x RJ45 STP "PoE (Data + Power)" Output Port: 1 x RJ45 STP DC Input Power Socket: 1
LED Indicator	System: Power x 1 (Green) PoE Port: Active, PoE ready-in-use x 1 (Green)
Network Cable	10BASE-T: 2-pair UTP Cat. 3, 4, 5, up to 100M (328ft) 100BASE-TX: 2-pair UTP Cat. 3, 4, 5, up to 100M (328ft) 1000BASE-T: 2-pair UTP Cat. 5e, 6 up to 1000M (328ft) EIA/TIA-568 100-ohm STP (100m)
Data Rate	10/100/1000Mbps
Power requirement	DC48~57V
Enclosure	IP40 Metal case
ESD Protection	6KV ESD
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5％~95％ Storage temperature: -40℃~85℃，storage humidity: 5％~95％
Dimension(W x D x H)	30 x 70 x 95mm (1.18in x 2.76in x 7.75in)
Weight	0.3kg
Power over Ethernet (PoE) Specifications	
Network standard	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE IEEE 802.3bt Power over Ethernet Plus/PSE
PoE Supply Type	1/2/4/5(+), 3/6/7/8(-)
Power Consumption	60 watts
Safety	FCC Part15 Class A,CE.RoHs
Industrial Standard	
EMI:	EMI:FCC CFR47 Part 15, EN55022/CISPR22, Class A
EMS:	IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Machinery	IEC60068-2-6 (Vibration) IEC60068-2-27 (Shock) IEC60068-2-32 (Free Fall)

IES7210-102GE-60W

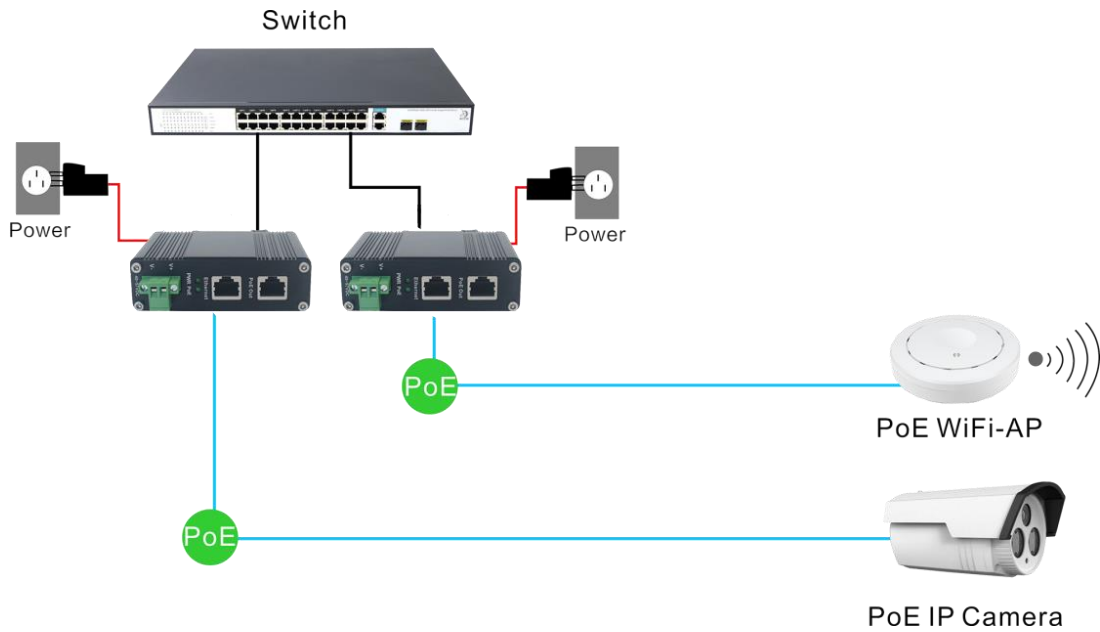2 ports 10/100/1000Mbps Industrial high Power PoE Midspan Injectors

Interfaces

DC 48~57V　　Gigabit　Port Ethernet　　Gigabit　Port PoE Out

Power, Indicator　　PoE Working　Indicator

Structure Diagrams

PoE OUT

Ethernet

PWR　PoE

48V-57V DC

95mm

70mm

30mm

Applications

Switch

Power

Power

PoE

PoE

PoE WiFi-AP

PoE IP Camera
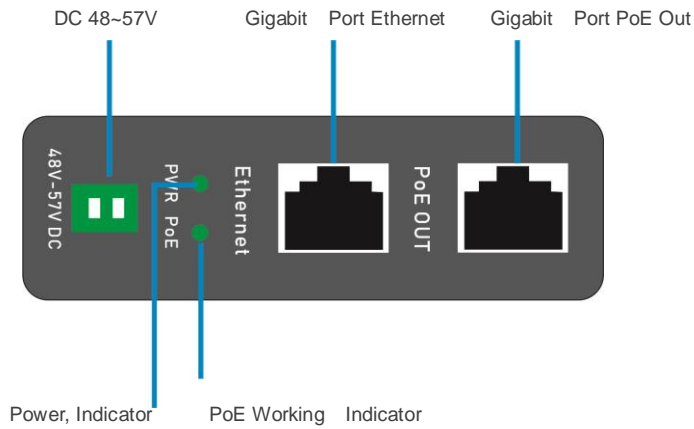
Ordering　Information	
IES7210-PSE102-GE-60W	2 Ports 10/100/1000Mbps Instrial high power PoE midspan Injectors，60W