

## 90W Gigabit POE Injector



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Gigabit Ethernet POE Injector, the maximum output power of POE port is 90W and the port supports 10/100/1000 self-adaption. Support voltage input AC 110-264V, the operating temperature range is -20°C~+50°C, the industrial chip enhanced design, the port is equipped with surge protection ESD. Comply with FCC, CE, RoHS standards. Reliable hardware design can ensure your automation system uninterrupted stable operation, products are widely used in PTZ high-speed ball, compact computer, all-in-one, digital signage display system, etc.

### Main Feature

- Support 1\* Gigabit PoE Port+ 1\* Gigabit Ethernet Port
- Support IEEE802.3af (15.4W), IEEE802.3at (30w) and IEEE802.3bt (90w)
- Support power supply AC 100-240 V
- Metal housing, IP20 protection grade, -20 to 50°C operating temperature
- Support port surge protection: Differential mode 2KV, common mode 6KV; ESD: Contact 6KV, air 8KV

### Application Environment

#### **Metro Optical Broadband Network:**

Data network operators such as telecommunications, cable TV, and network system integration, etc.

#### **Broadband Private Network:**

Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.

#### **Multimedia Transmission:**

Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications.

#### **Real-time Monitoring:**

Simultaneous transmission of real-time control signals, images and data.

#### **Harsh Environment:**

Suitable for networking in harsh environment with strong electromagnetic interference and long distance.

Specification		
General Parameter		
Product Name	90W Gigabit POE Injector	
Port	1* Gigabit POE Port+1* Gigabit Ethernet Port	
POE Specification	PoE Standard: Support IEEE802.3af/ IEEE802.3at/IEEE802.3bt	
	Single Port Max: 15.4W (IEEE802.3af) Single Port Max: 30W (IEEE 802.3at) Single Port Max: 90W (IEEE802.3bt)	
	POE Port Output Voltage: DC 52V	
	POE Power supply wire core: 1/2-; 3/6+ Or 4/5+; 7/8-	
Network Medium	10Base-T: Cat3, 4, 5 or above UTP(≤100m) 100Base-TX: Cat5 or above UTP(≤200m) 1000Base-TX: Cat5 or above UTP(≤200m)	
Indicator	PWR	On: Powered on Off: Powered off
Power	Input Voltage: AC 100-240 V Working Frequency: 50/60 Hz Supply Power: 52V/1.73A	
Working Environment	Working Temperature: -20 ~ 50°C Storage Temperature: -40 ~ 85°C Humidity: 5%~95 % (non-condensing)	
Industry Standard	EN61000-4-2 (ESD) IEN61000-4-5 (Surge) EN61000-4-3 (RS) EN61000-4-6 (CS) EN61000-4-4 (EFT) FCC Part 15/ CISPR32 /EN55032: CLASS A IEC 60068-2-27 Impact test IEC 60068-2-32 Free fall test IEC 60068-2-6 Vibration test	
Physical Structure	Protection Grade:IP20 Install: Wall Mounting Product N.W: 0.486KG Product G.W: 0.712KG Product Size (L*W*H): 187mm* 95mm*40 mm Package Size (L*W*H): 245mm*190mm*60mm Carton size (L*W*H): 520mm*320mm*400mm Packing Qty: 20 units Packing weight: 15.24KG	

Package List	1. 90W Gigabit POE Injector: 1 PCS 2. Manual: 1PCS 3. Certificate, warranty card : 1PCS
Safety Certification	CE, FCC, RoHS
MTBF	100,000 Hours
Order Info	
Model	Description
HR-BTG-N901	1* Gigabit PoE Port+ 1* Gigabit EthernetPort

Product Picture



Application Diagram

