

# 60W Gigabit POE Injector

## **【Production Description】**

Gigabit Ethernet POE injector , The max output power of the POE port is upto 60W , the data access port supports 10/100/1000 self-adaption, support power supply input AC 100-240 V , working temperature -20 ° C ~ + 50 ° C, and the industrial-grade chip is used to enhance the design. Support port Surge and static protection, and comply with FCC, CE, RoHS standards. Reliable hardware design can ensure your uninterrupted and stable operation of the automation system. The products are widely used in PTZ high-speed dome, compact computer, integrated machine, digital signage display system, etc .

## **【Main feature】**

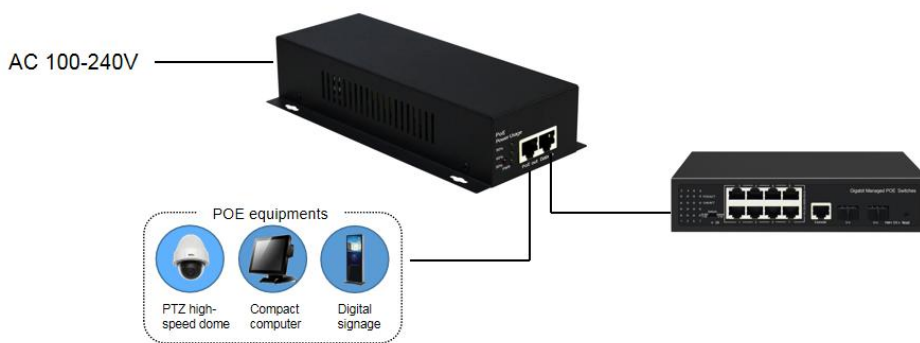
1. Support 1\*gigabit POE port+1\*gigabit Ethernet port
2. Compatible with IEEE802.3af ( 15.4W ) 、 IEEE802.3at ( 30w ) and IEEE802.3bt ( 60w )
3. Support power monitoring, 30%, 60%, 90% three states
4. Support power supply input AC 100-240 V
5. Metal shell , IP20 protect grade , working temperature -20 ° C ~ + 50 ° C
6. Support port Surge Protection: Common mode 6KV, Differential mode 2KV; ESD 15KV, Contact 8KV, Air 15KV

## **【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
- Resistant to harsh environments: suitable for networking in harsh environments with strong electromagnetic interference and long distances

**【Connection schematic diagram】**



**【Technical indicators】**

General parameter	
Product name	60W Gigabit PoE Injector
Model	HR-BTG-N601
Connector Type	1* gigabit POE port + 1* gigabit Ethernet port
POE Parameters	POE Standard : IEEE802.3af /IEEE802.3at/IEEE802.3bt
	Each port Max : 15.4 W (IEEE 802.3af)
	Each port Max : 30 W (IEEE 802.3at)
	Each port Max : 60 W (IEEE 802.3bt)
	POE port output : DC 52V

	POE power supply core :1/2- 3/6+ ; 4/5+ 7/8-	
Network Media	10BASE-T: Cat3.4.5or more UTP(≤100 m) 100BASE-TX: Cat5e or more UTP(≤100 m) 1000BASE-TX: Cat5e or more UTP(≤100 m)	
LED indicator	PWR	Lighting : Powered Un-Light : No Power
	POE power 30%/60%90%	Lighting : Current power state Un-Light : Power usage is below scale
Power Supply	Power input: AC 100-240 V working frequency : 50/60 Hz Working power : 52V/1.25A	
Working Environment	Operating Temperature: -20 ~ 50°C Storage Temperature: -40 ~ 85°C Humidity: 5%~95 % ( non-condensing)	
Testing 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 Shock IEC 60068-2-32 Free fall IEC 60068-2-6 Vibration	
Mechanical	Shell protect grade: IP20	

Structure	<p>Installation: Wall mount</p> <p>Product Dimension (L×W×H) : 187 mm× 95mm×40 mm</p> <p>Package Dimension (L×W×H) : 245 mm× 190mm× 60mm</p>
Package Contents	<p>90W gigabit POE injector : 1pcs</p> <p>User Guide : 1pcs</p> <p>Certificate .warranty card : 1pcs</p>
Certification	CE、FCC、RoHS
MTBF	100,000 hours

**【Order information】**

Product	Description
ZX-BTG-N601	1* Gigabit PoE Port + 1* Gigabit Ethernet Port

**【Product rendering】**

