90W Gigabit POE Injector

【**Production Description**】

HR-BTG-N901 gigabit Ethernet POE injector , The max output power of the POE port is upto 90W , 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, CCC, 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 .
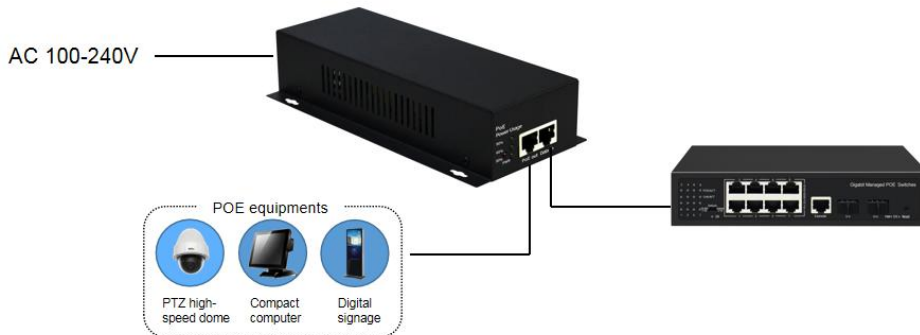
【**Main feature**】

1. Support 1*gigabit POE port+1*gigabit Ethernet port

2. Compatible with IEEE802.3af（15.4W）、IEEE802.3at（30w）and IEEE802.3bt（90w）

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	90W gigabit POE injector
Model	HR-BTG-N901
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：90 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: Cat5 UTP(≤250 m)
	100BASE-TX: Cat5 or more UTP(≤100 m)
	1000BASE-TX: Cat5 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/1.85A
Working	Operating Temperature: -20～50℃
	Storage Temperature: -40～85　℃

Environment	Humidity: 5%~95 % (non-condensing)
Testing standard	EN61000-4-2 （ESD）Contact 8KV, Air 15KV
	IEN61000-4-5 （Surge）General mode 6KV，Differential mode 2KV
	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 Structure	Shell protect grade: IP20 Installation: Wall mount
	Product Dimension (L×W×H)：187 mm× 95mm×40 mm
	Package Dimension (L×W×H)：245 mm× 190mm× 60mm
Package Contents	1. 90W gigabit POE injector：1pcs 2. User Guide：1pcs 3. Certificate .warranty card：1pcs
Certification	CE、FCC、CCC、RoHS
MTBF	100,000 hours
Warranty	3 years

【**Order information**】

Product	Description
HR-BTG-N901	1* gigabit POE port + 1* gigabit Ethernet port

【**Product rendering**】