

## 10/100/1000Mbps 95W High Power POE Injector

### Features

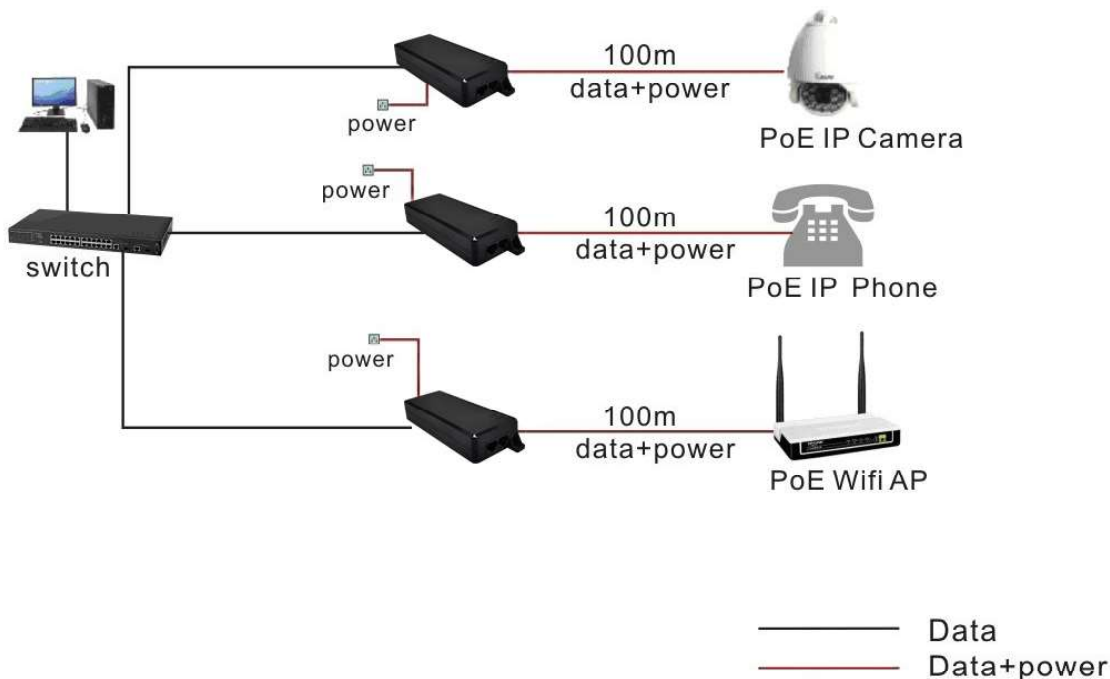
- ▶ Up to 95W of PoE Power
- ▶ Compliant with IEEE802.3af/at/bt Standard
- ▶ Support 10/100/1000Base-T
- ▶ Compliant with Limited Power Source (LPS)
- ▶ High Efficiency > 85%
- ▶ Low No Load Power Consumption < 0.5W
- ▶ Provide 2 LED indicators include Power LED(Green) and PoE LED(Orange)
- ▶ Over-Voltage/Load/Temperature & Short Circuit protections
- ▶ Safe and Reliable Power to WLAN Access Points
- ▶ Automatic Detection and Protection of Non-standard Ethernet Terminals
- ▶ Injects 56V DC through a CAT 5 cable, use all 4 pairs into remote devices such as wireless AP, IP phone, web camera and other functions



### Overview

95W – 56V Gigabit PoE Injector is a long-distance driving, fast network performing, strong PoE Output IEEE 802.3bt, 802.3at and 802.3af certified midspan. It is a single port indoor PoE injector that can provide up to 95W based on the IEEE 802.3bt standard.

The midspans are ideal to power 802.11 access points, pan-tilt-zoom (PTZ) and dome cameras, IP videophones, thin clients and other high-power Ethernet end terminals with 95W of power. The solutions support IEEE 802.3bt powered devices and are also backward compatible and safe to use with any IEEE 802.3af/at terminal. With plug and-play installation, they are easy and cost effective to implement leveraging existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.



## Technical Indexes

Ethernet	
Standards:	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet
Processing Type:	Forward
	Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
Cabling:	10/100/1000Base-T: Cat5 or above
Maximum Distance:	High Power PoE (95W): 4-pair UTP Cat. 5, 5e, 6 up to 100m (328ft) 802.3af / at PoE (15W / 30W): 2-pair UTP Cat. 3, 4, 5, up to 100m (328ft)
Connector:	LAN: 1 x RJ-45 STP, "Data" Input Port POE: 1 x RJ-45 STP, "Data + Power" Output Port AC Connector: 1 x AC Input power socket, IEC-60320 C13
Environmental	
Operating Temperature:	-10°C to 50°C (14°F to 122°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Relative Humidity:	5% to 95% non-condensing
MTBF:	>200,000hrs
Electrical and Mechanical	
Input Voltage Range:	100-240V AC @50/60Hz, 1.5A max.
Output Voltage:	DC 48-57V, 2A
Power Consumption:	95 watts max.

PoE (Power over Ethernet)	
Standard:	IEEE 802.3af
	IEEE 802.3at
	IEEE 802.3bt
Port:	RJ45
Power Pin Assignment	Pin 1,2 / 4,5 (+), Pin 3,6 / 7,8 (-)
PoE Power Output	DC 48V-57V/95-watt PoE via 2-pairs
LED Indicators	
Power:	Power Status
Port:	PoE Status
Dimensions (W×D×H):	147 x 62 x 30mm
Weight:	0.45Kg
Casing:	Plastic Case
Mounting Options:	Desktop/Wall-mount
<b>Regulatory Approvals</b>	
ISO9001	
FCC part 15, Class A	
EN55022:2006+A1: 2007 Class A	
Surge Protection:	
RJ45: 1KV	
Power: 500W	
ESD: 4KV/8KV	

## Ordering Information

Model	Description
20109951	95-watt High Power over Ethernet Injector (10/100/1000Mbps, 4-Pair)

## Mechanical (Unit: mm)

