

95W Gigabit PoE Injector

Model: *POEINJ-95W*

Overview

The POEINJ-95W is a single-port Gigabit PoE (Power over Ethernet) device with two RJ45 ports, one port for the Ethernet data input, another port for the integrated data and power supply output. Since the power supply itself does not have the data switch function, it needs to work together with a Network switch. It mixes the data of the network switch with the power supply, and transmits the data and the power supply to the remote powered terminal through the network cable. This can solve the layout restrictions due to the engineering power line. The device can provide PoE power supply to those Ethernet devices conforming to the IEEE802.3af/at PoE++ standard, such as routers, switches, wireless APs, VoIP phones, industrial network terminals, and network cameras etc. It provides efficient engineering solutions for locations where power is not available at the remote end or where the use of Ethernet cable power increase system reliability and simplify equipment installation.

Features

- Power protection for input over voltage/under voltage, output over voltage, and each output over current short circuit protection and other functions.
- System reliability：MTBF＞100k hours
- Conducted interference (CE) radiated interference (RE), Accord with EN55032, EN55024 standard.

Lightning protection performance

AC input terminal, with differential mode 1KV common mode 2KV.

PSE control segment bears differential mode 1.5KV, common mode 6KV, and 10/700uS inrush current wave.

Positive and negative each five time interval 1 minute.

Power supply lightning protection circuit components such as fuses.

Technical Specification

Model	*POEINJ-95W*	**PoE Power**	*Each port max 95W* *Attention: 45(+), 78(-) & 36(+), 12(-) Data transmission and power* *Network cable required: UTP Cat5 or higher*
Input Power	*100-240V AC*		
Output Power	*55VDC*		
Dimensions	*214mm * 134mm * 41mm*	**Warranty**	*2 Years*
Network Protocol	*IEEE802.3i 10 BASE-T* *IEEE802.3i 100 BASE-TX* *IEEE802.3x flow control* *IEEE802.3af/at, PoE++*	**LED Indicator**	*Power* *PoE*
		Operating temperature	*-40°C-65°C*
		Storage temperature	*-40°C-85°C*
Transmission	*Store-and-forward*	**Operating humidity**	*20%-80%*
Transmission Rate	*1x 10/100/1000Mbps PoE port* *1x 10/100/1000Mbps RJ45 port*	**Certifications**	*CE/FCC/UL/CB/RoHs*
		Installation and use	*Plug and Play* *Automatically detect the device and provide correct output required by the device*