



## Technical Specification of Sepitam-PS11E-90

### 10/100M 95W Single Port PoE Injector



#### Overview :

This single port 10/100M 95W PoE injector is independent research and development for high power PoE injector, it supports LT PoE++ high power standard, and can be backward compatible with IEEE 802.3af/IEEE802.3at PoE standard. The maximum output power is 95W, the whole power is 110W. There are 2x standard RJ45 network ports, one of which is used as the upper switch or other upper network devices. And another network port is used as the port that integrated PoE power output and network data. It's more convenient for installation and use of high power network dome cameras or other high power IP devices

PoE injector can provide a simple and economical solution for high performance Ethernet PoE power supply and data communication. Easy to use and install, superior performance and cost-effective, which is an ideal choice for customer to improve the projects' quality. It's an efficient engineering solution to meet the requirement of the reliability system and simplified installation for remote places without power supply or unable to use Ethernet cable to supply power.

#### Features :

- ◆ Supply power to 5 classes Ethernet network surveillance cameras
- ◆ 2x 10/100 Mbps RJ45 ports
- ◆ Support network port, lightning-proof power input port (the secondary lightning protection)
- ◆ PoE power supply type is four line pairs of twisted pair, the positive power supply side is 1/2 or 4/5 line pair, and the negative power supply side is 3/6 or 7/8 line pair
- ◆ Support LT PoE++ high power standard, and compatible with IEEE802.3af/ IEEE802.3at standard
- ◆ Each port output power is 95W, voltage is 50-57V, and the total power is 110W



**Technical Specification :**

<b>Product Name</b>	<b>10/100M 95W Single Port PoE Injector</b>
Product Model	Sepitam-PS11E-90
Connector Type	2x 10/100M copper cable RJ45 ports
PoE Power Supply Type	PoE power supply is four line pairs of twisted pair, the positive power supply side is 1/2 or 4/5 line pair, the negative power supply side is 3/6 or 7/8 line pair
Network Medium	10BASE-T: 5 class UTP(≤100m)
	100BASE-TX: 5 class or more UTP(≤100m)
Temperature Re-	≤80°C
Performance Specifications	PoE output voltage:50-57V
	Working Speed:10/100Mbps
	Network Port Protection: meet the IEC61000-4-2(ESD)
	MTBF: 100,000 hours
Network Protocols and Standards	IEEE 802.3i 10BASET
	IEEE 802.3u 100BASETX
	IEEE 802.3x Flow Control
	IEEE 802.1ab 1000BASET
	IEEE 802.3af DTE Power via MDI
	Support LT PoE++ high power PoE standard, compatible with IEEE 802.3af/ IEEE 802.3at standard
LEDs Indicator	PoE working status
Power	The total power: 110W
	Each Port Output Power: 95W
	Voltage:50-57V
Dimension / Weight	LxWxH: 80 x 76 x 25mm / 0.12kg
Working Environment	Working Temperature:-20°~ 55°C, Storage Temperature: -20°~ 75°C
	Working Humidity: 10%~90%, non-condensing, Storage humidity:10%~95%,non-
Quality Specification	CE mark, commercial, FCC Part 15 Class B, RoHS



# Technical Specification of Sepitam-PS11E-90

شرکت سپیتام



[www.Sepitam.com](http://www.Sepitam.com)