



## Technical Specification of Sepitam-PI11G-90

### 90W Single Port Gigabit PoE Injector



#### Overview :

The Sepitam-PI11G-90 is an Industrial Gigabit single-port PoE IEEE 802.3at/bt PoE++ 90W 10/100/1000Base-TX PoE Injector. It allows you to connect the PoE device such as camera and access point with a non PoE LAN switch within the distance of 100m. Both the Ethernet port (to switch) and the PoE Out port (to PoE device) support 10/100/1000Base-T and are compliant with IEEE 802.3ab. It provides 90W PoE output.

#### Features :

- ◆ 1 RJ45 Ethernet Data Input Port + 1 RJ45 Power over Ethernet Output Port (Data + Power)
- ◆ Support 90W PoE++ Power Sourcing Equipment
- ◆ Compatible with IEEE802.3af/at/bt PoE/PoE+/PoE++
- ◆ Support 10/100/1000Base-TX
- ◆ Extensive LED indicators for PoE diagnostics
- ◆ 48~57VDC Terminal Block Power inputs
- ◆ Supports DIN-Rail and Wall-mount installation
- ◆ Environmentally Hardened -40°C to 80°C
- ◆ (-40°F to 176°F) operating temperature



**Technical Specification :**

<b>Product Name</b>	<b>10/100/1000M 95W Single Port PoE Injector</b>
Product Model	Sepitam-PI11G-90
Connector Type	2x 10/100/1000M copper cable RJ45 ports
PoE Power Supply Type	Data provide over pairs 1,2TX and 3,6RX
Network Medium	10BASE-T: 5 class UTP(≤100m)
	100BASE-TX: 5 class or more UTP(≤100m)
	1000BASE-TX: 5 class or more UTP (≤100m)
Temperature Resistance	Operating Temperature: -40°C to 80°C (-40°F to 176°F)
	Storage Temperature: -40°C to 85°C (-40°F to 185°F)
	Relative Humidity: 5% to 95% non-condensing
Performance Specifications	PoE output voltage: 48-57V
	Working Speed:10/100/1000Mbps
	Network Port Protection: meet the IEC61000-4-2(ESD)
	MTBF: 200,000 hours
Network Protocols and Standards	IEEE 802.3i 10BASET
	IEEE 802.3u 100BASETX
	IEEE 802.3x Flow Control
	IEEE 802.3ab 1000BASET
	Support LT PoE++ high power PoE standard, compatible with IEEE802.3af/at/bt (95W)
Processing Type:	Forward
	Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
LEDs Indicator	Power: Power Status
	PoE: PoE Status
Power	Power Consumption: 100W
	Max. Power per Port: 90W Max per port (Alternative B Mode)
	Input Power: 48~57VDC (Terminal Block)
Dimension/Weight	LxWxH: 95 x 70 x 30 mm 0.25Kg
Working Environment	Operating Temperature: -40°C to 80°C (-40°F to 176°F)
	Storage Temperature: -40°C to 85°C (-40°F to 185°F)
	Relative Humidity: 5% to 95% non-condensing
Quality Specification	Aluminum Case, DIN-Rail / Wall-mount, ISO9001, FCC part 15, Class A, EN55022:2006+A1: 2007 Class A, RJ45: 1KV, Power: 500W, ESD: 4KV/8KV



**Ordering Information:**

<b>Product Name</b>	<b>10/100/1000M 95W Single Port PoE Injector</b>
Sepitam-PI11G-90	Us trial Gigabit 1-port Ethernet Input + 1-port PoE Output Injector
Mounting Options	▶ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Supply Options	▶ 120W/2.5A 48VDC Power Supply. Open Wire for Terminal Block
	▶ Power Supply is to be purchased separately.



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