



## Technical Specification of Sepitam-PS11G-95

### 95W Single Port Gigabit PoE Injector



#### Overview :

This single port 10/100/1000M 95W PoE injector is Sepitam's 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 total power is 100W. 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 10/100/1000 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, 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>10/100/1000M 95W Single Port PoE Injector</b>                                   |
| Product Model                   | Sepitam-PS11G-95   |
| Connector Type                  | 2x 10/100/1000M copper cable RJ45 ports  |
| PoE Power Supply Type           | Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)                                |
| 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          | ≤80°C  |
| Performance Specifications      | PoE output voltage: 50-57V   |
|                                 | Working Speed:10/100/1000Mbps  |
|                                 | 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 IEEE802.3af/at/bt (95W)  |
| LEDs Indicator                  | PoE working status   |
| Power                           | 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-condensing |
| Quality Specification           | CE mark, commercial, FCC Part 15 Class B, RoHS                                     |



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