

## Product Datasheet

# 10/100M 95W Single Port PoE Injector

**ONV-PSE3501**



## OVERVIEW

This single port 10/100M 95W PoE injector is ONV'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/at PoE standard. The maximum output power is 95W, the total 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.

## FEATURE

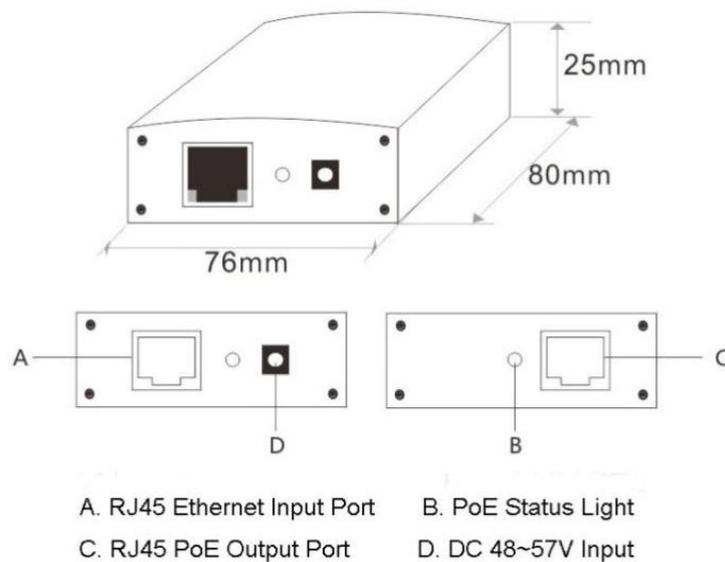
- ◆ Supply power to 5 classes Ethernet network surveillance cameras
- ◆ 2x 10/100Mbps RJ45 ports
- ◆ Support network port, lightning-proof power input port (the secondary lightning protection)
- ◆ PoE power supply method: 4/5(+),7/8(-) or 1/2(+),3/6(-)
- ◆ Support LT PoE++ standard, and compatible with IEEE802.3af /at standard.
- ◆ Each port output power is 95W, voltage is 50-57V, and the total power is 110W
- ◆ No fans, natural cooling, small and exquisite, no noise design, suitable for desktop or wall

## TECHNICAL SPECIFICATION

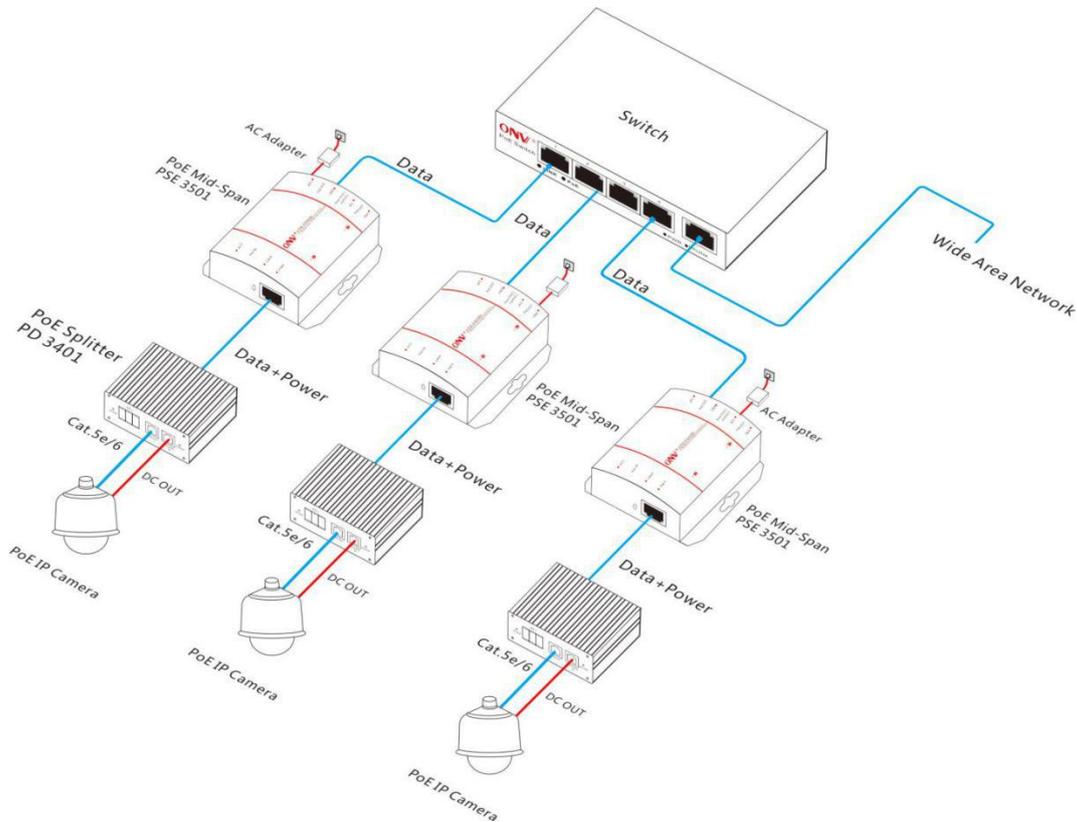
Product Model	ONV-PSE3501
Connector Type	2x copper cable RJ45 ports
PoE Power Supply Type	PoE power supply is four line pairs of twisted pair, the positive power supply side is 1/2 or 4/5 line pair, the negative power supply side is 3/6 or 7/8 line pair
Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)
Temperature Resistance	≤80°C
Performance Specifications	Working Speed:10/100Mbps Network Port Protection: meet the IEC61000-4-2(ESD)
PoE output voltage	50-57V
MTBF	100,000 hours
Network Protocols / Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX

	IEEE 802.3x Flow Control IEEE 802.1ab 1000BASE-T IEEE 802.3af DTE Power via MDI Support LT PoE++ standard, and compatible with IEEE 802.3af/at
LEDs Indicator	PoE working status
PoE Feature	The total power: 110W Single PoE Port Output Power: 95W Voltage: 50-57V
Dimension	80 x 76 x 25mm
Weight	0.12kg
Operation TEMP / Humidity	-20°~55°C, 10%~90%, Non-condensing,
Storage TEMP / Humidity	-20°~75°C, 10%~95%, Non-condensing
Certification	CE mark, commercial, FCC Part 15 Class B, RoHS
Warranty	3 years warranty

## DIMENSION



## APPLICATION



## ORDERING INFORMATION

Model	Description
ONV-PSE3501	Single port 10/100M 95W PoE injector, high power PoE, supports LT PoE++ high power PoE standard and compatible with IEEE802.3af/at standard, the output power of each port is 95W, voltage is 50-57V, and the total power is 110W.
ONV-PSE3501G	Single port 10/100/1000M 95W PoE injector, high power PoE, supports LT PoE++ high power PoE standard and compatible with IEEE802.3af/at standard, the output power of each port is 95W, voltage is 50-57V, and the total power is 110W.

**Note:** Default PoE power supply type is mid-span, can be customized the end-span

## PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	10/100M 95W single port PoE injector	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

## CONTACT US



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