Product Datasheet

16-port 10/100M PoE Injector

ONV-PSE31016

OVERVIEW

PoE Injector is also called as power over Ethernet mid-span devices. 16-port PoE injector, that is PoE power supply module, is the most flexible and the hottest products among the power supply devices. There are 16x RJ45 PoE ports for these 16-port PoE injector. This mid-span have 16*2 RJ45 network ports, one group of network ports will use for upper Ethernet switches or other network devices, another group of network ports will support POE power supply output with network data output.

These 16-port PoE injectors provide a simple, economical, high-performance and intelligent way for Ethernet PoE power supply and data communication. It's an ideal choice for those who need a superior quality project because of its simple use, easy to install, superior performance and cost-effective. They can supply power to HD webcam through Cat5 Ethernet cable, in order that makes it more flexible for the places difficult to connect to the power supply and provide more efficient solutions.

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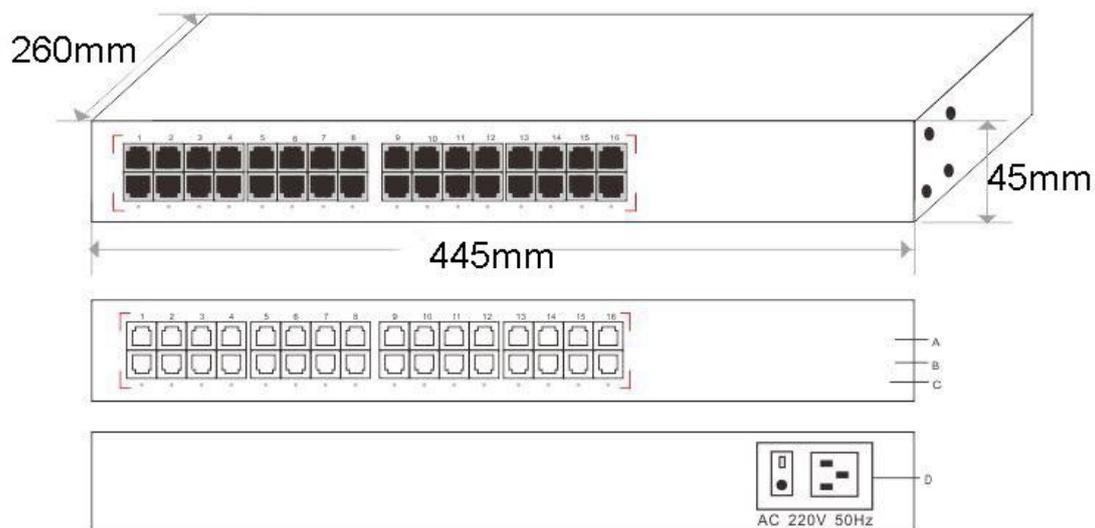Optical Network Video Technologies (Shenzhen) Co., Ltd.

FEATURE

◇ Supply power to HD network surveillance cameras with Cat5e (PoE)

◇ 32*10/100M RJ45 ports, 16*10/100M PoE ports

◇ AC input100V~240V 50-60Hz.

◇ Compatible with IEEE802.3af/at standard

◇ Coming with the Ethernet network port and PoE output port, and the power input port with lighting-proof function (meet the secondary lightning protection)

◇ Can supply power with the spare line pair(4/5 (+), 7/8 (-) method or the data line pair 1/2(+), 3/6(-) method

◇ No fan, natural heat dissipation, small, quiet design, suitable for desktop or wall

TECHNICAL SPECIFICATION

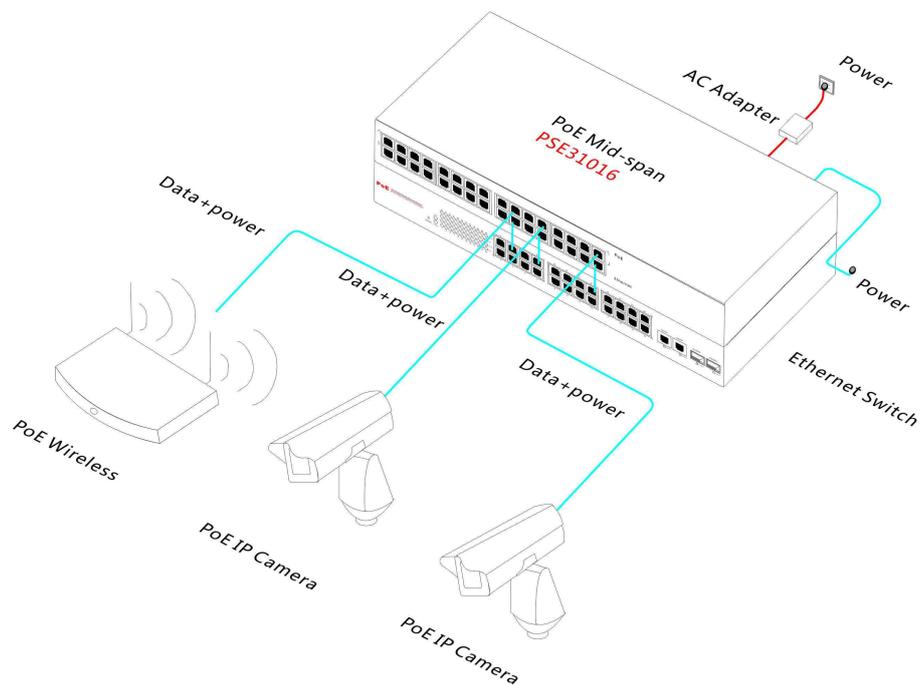| Model	ONV-PSE31016	ONV-PSE31016-at
Port Description	1x AC input port 16*10/100M PoE ports 32*10/100M RJ45 ports	
Power Supply Pin	mid-span: 4/5, 7/8 data line pair(default); end-span: 1/2,3/6 spare line pair (can be customized)	
Network Medium	100BASE-TX: 5Cat and more UTP (≤100 meters)	
Thermal Protection	>100°C	
Working Rate	10/100Mbps	
Network Port Protection	IEC61000-4-2(ESD)	
MTBF	100,000 hours	
LEDs Indicator	PoE working status	

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PoE Standards	IEEE802.3af/at	
Total Power	250W	400W
Max Power Per Port	30W, IEEE802.3af/at	
AC Input Voltage	100~240V, 50~60Hz 0.5A	
Dimensions	445x260x45mm	
Operation TEMP / Humidity	-20°~55°C;10%~90%% RH Non condensing	
Storage TEMP / Humidity	-20°~75°C;10%~95% RH Non condensing	
Certification	CE mark,commercial,FCC Part 15 Class B, RoHS	
Warranty	3 years	

DIMENSION

A. RJ45 PoE Output   B. Ethernet RJ45 Input
C. PoE Status Light   D. AC 220V/50Hz Input

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APPLICATION

ORDERING INFORMATION

Model	Description
ONV-PSE31016	10/100M PoE injector with 32*10/100M RJ45 ports. 16*10/100M PoE ports, IEEE802.3af/at. Total power up to 250W.
ONV-PSE31016-at	10/100M PoE injector with 32*10/100M RJ45 ports. 16*10/100M PoE ports, IEEE802.3af/at. Total power up to 400W.
ONV-PSE33016	Gigabit PoE injector with 32*10/100/1000M RJ45 ports. 16*10/100/1000M PoE ports, IEEE802.3af/at. Total power up to 250W.
ONV-PSE33016-at	Gigabit PoE injector with 32*10/100/1000M RJ45 ports. 16*10/100/1000M PoE ports, IEEE802.3af/at.Total power up to 400W.
Notes: Default mid-span: 4/5, 7/8 data line pair; end-span: 1/2, 3/6 spare line pair (can be customized)	

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PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	16-port 10/100M PoE injector	1	SET
	Power Cable	1	PC
	User Guide	1	PC
	Warranty Card	1	PC

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