

Product Datasheet

Gigabit PoE Splitter Cable 13W

(ONV-PD3202G)



OVERVIEW

ONV-PD3202G, a cost-effective and high reliable remote PoE PD device based on standard IEEE802.3af, could split the power and data transmitted through cable. It could provide power and data to device without PoE function when connecting with a PoE Switch or PSE Injector. The output voltage is 12V, and equipped with PoE power supply device, it could flexibly expand the scale of Security Surveillance & Wireless Network without the limitation of power line layout.

With transformer isolated design for circuit input stage and output stage of the ONV-PD3202G power, it strengthens anti-jamming capability and protection for circuit. Also it effectively reduces PoE Switch Abnormal Power Supply Matters caused by common ground problem.

Meeting the standard of IEEE802.3af. Compatible with power supply methods of both End-span(1,2+ 3,6-) and Mid-span (4,5+ 7,8-). With the features of output power at 13W, low ripple, more than 82% high efficiency, Port Isolation Protection: 1500V and Protection for short circuit, over-current & over-temperature. With 1 to 2 design, it could be working with device that support external PoE, and it also simplifies effectively the project wiring and maintenance.

FEATURE

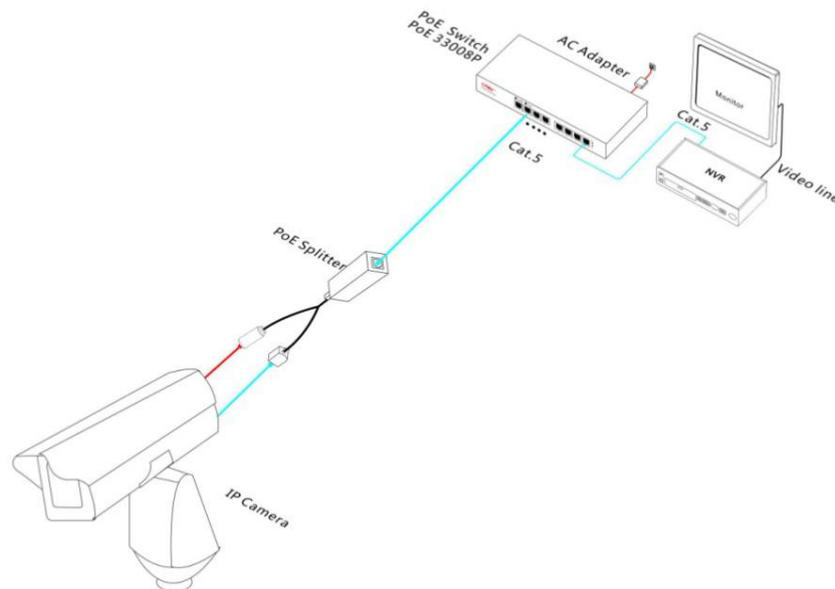
- ◇ 1* 8-Pin RJ45 female input port + 1* RJ45 male output port + 1* DC(5.5*2.1mm) male output port
- ◇ 1* 10/100/1000Mbps RJ45 port
- ◇ Support IEEE802.3af
- ◇ PoE Input Voltage: 44-57V
- ◇ Output voltage: 12V(Default)
- ◇ Output power: 13W
- ◇ Circuit protection to protect the connected device
- ◇ Top-quality design, stable and reliable

TECHNICAL SPECIFICATION

| Model | ONV-PD3202G |
|------------------|--|
| Network Medium | UTP Cat.5 or more(≤100 meter) Transmission Bandwidth: 10/100/1000M |
| Network Protocol | IEEE 802.3af DTE Power via MDI |
| Output Voltage | DC12V |
| Output Current | 1.1A |
| Output Power | 13W |
| Input Voltage | 37-57V/DC |
| DC/DC Switching | Support protection for over current and over temperature |
| Connector | 1* PoE RJ45 Input Port, 1* RJ45 Output Port, 1* DC Power Input Port(5.5x 2.1mm) |
| Ripple & Noise | Ripple for output under normal voltage and current: 100mV /Vp-p (max) Boot Delay: Boot time 2s (max), under voltage input at DC 48V and |

| | |
|--------------------------|--|
| | output the max load Rise time: 50ms (max), under the voltage input at DC 48V and output the max load |
| Short Circuit protection | Recover to work after load short circuit released |
| Over-current protection | Recover to work after over current released |
| Overvoltage protection | It is enabled when the voltage output is over 120% to 150% of the normal. Recover to work after over voltage released. |
| Environment | Operating Temperature: -20 ° ~ 55 ° C; Storage Temperature: -20 ° ~ 75 ° C; |
| Warranty | 1 year |

APPLICATION



ORDERING INFORMATION

| Model | Description |
|--|---|
| ONV-PD3202G | 10/100/1000M PoE splitter cable, DC12V, IEEE 802.3af standard (13W) |
| Note: Default power supply type support both end-span (1/2, 3/6 line pairs) & mid-span (4/5, 7/8 line pairs). | |

PACKING LIST

| | CONTENT | QTY | UNIT |
|--------------|--------------------------------|-----|------|
| PACKING LIST | Gigabit PoE splitter cable 13W | 1 | SET |
| | User Guide | 1 | PC |
| | Warranty Card | 1 | PC |

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