10-port 10/100/1000M Industrial PoE Switch

(ONV-IPS31108PF)

Industrial PoE Switch

◆ Industrial design, 8x 10/100M Ethernet RJ45 ports with AutoUplink™ , 1x gigabit TP/SFP combo port, and 1x gigabit SFP slot.

◆Supports IEEE802.3x flow control for Full-duplex Mode and back pressure for Half-duplex Mode

◆RJ-45 port supports Auto MDI/MDI-X

◆Automatic MAC address learning and aging

◆Auto-Negotiation for Full-duplex Mode and Half-duplex Mode

◆Plug and play, with LED indicators for monitoring power/link/activity, easy to use.

◆Provides DIN35 rail-type installation method

◆Electromagnetic compatibility of up to 4 grade standard

◆IP40 protection class

◆Superior performance, successfully used in industrial field

◆Default PoE power supply type is end-span, mid-span optional

◆8 PoE ports support both IEEE802.3af and IEEE802.3at standard
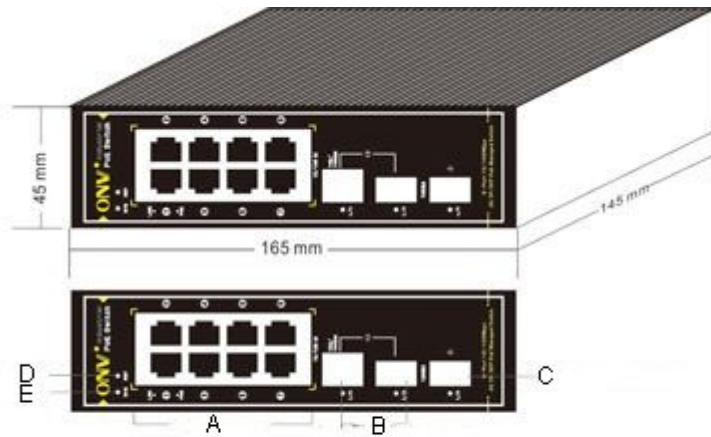
Product Description

ONV-ONV-IPS31108PF unmanaged PoE switch comes with 8x 10/100Base-T RJ45 Ethernet ports, 1x gigabit TP/SFP combo port and 1x gigabit SFP slot. It can supply power to industrial equipment such as weather-proof IP cameras with windshield wiper and heater, high-performance AP and industrial IP telephone. This industrial unmanaged PoE switch are highly flexible. The transmission distance of the SFP fiber port can be up to 120km, and with high resistance to electromagnetic interference.

ONV-ONV-IPS31108PF product components were rigorous screened, have superior performance in stability, environmental adaptability. Shells were made by aluminum extrusion, more lighter, stronger, better resistance ability to corrosion and electromagnetic interference, ensure stability and security of Industrial Ethernet Switch, plus standard DIN-35 rail type installation method. Power input also chooses a suitable industry-standard types of power, to get more powerful suitability to environment.
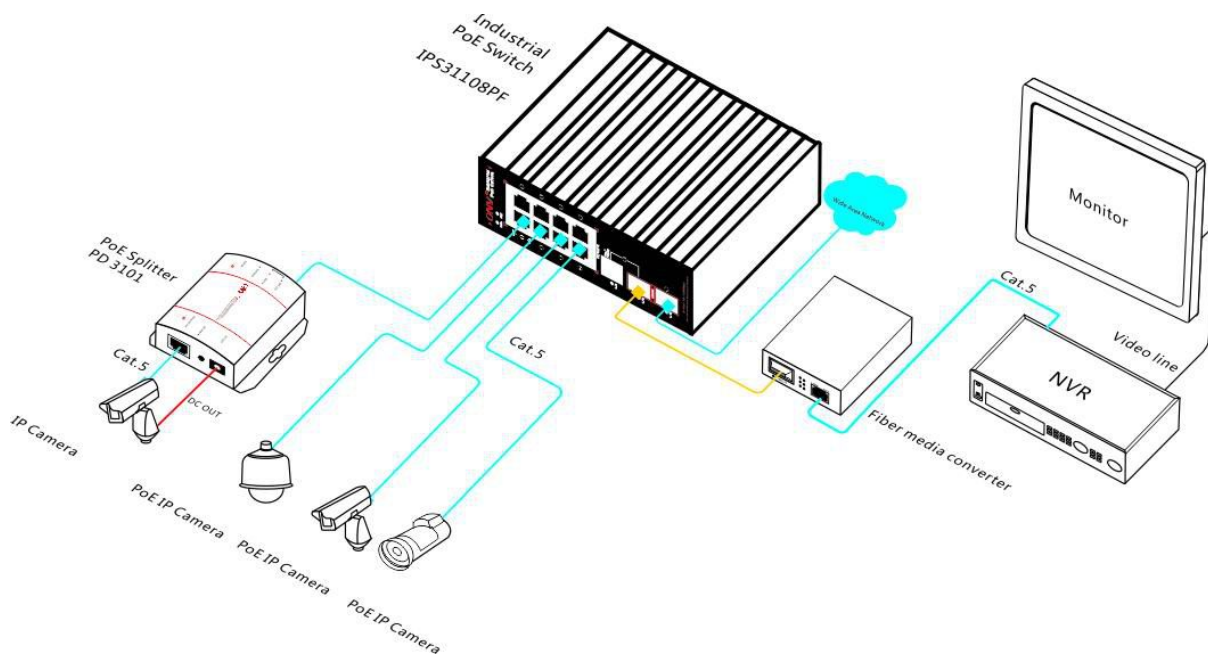
Technical Specification

Product Name	10-port Industrial PoE Switch with 8 PoE Ports
Product Model	ONV-IPS31108PF
Connector	Fiber Port: 1x gigabit SFP slot, 1x gigabit TP/SFP combo ports RJ45 Port: 8x 10/100BaseT port that support PoE
Switching Performance	Bandwidth: 8.8G (Non-blocking) Packet Buffer Memory: 1Mbit MAC Address Table Size: 4 K Switch Processing Scheme: Store-and-Forward
Network Medium	10BASE-T: Cat3/ 4/ 5 UTP (≤100m) 100BASE-TX: Cat5 or more UTP (≤100m)
Performance Specifications	MTBF: 300,000 hours
Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af Power-over-Ethernet
LED Indicators	Power: PWR; Link; PoE, L/A
PoE Features	PoE Standard: Supports both IEEE802.3af and IEEE802.3at
	Single PoE Port Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at)
	2 PoE ports, auto detect AF/AT devices
	PoE Port Output Voltage: DC48-57V
	Power Pin Assignment:1/2+;3/6-
Dimensions / Weight	Shell: IP30 protection grade, metal shell Dimension(LxWxH): 165 x 145 x 45mm Weight: 1030g Installation Method: DIN rail installation
Working Environment	Operating Temperature: -40℃ ～ +75℃; Storage Temperature: -40℃ ～ +75℃; Relative Humidity: 5 ~ 95%, non-condensing
Certification	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class BCE Mark ,commercial CE/LVD EN60950, RoHS
Warranty	5 years warranty

Product Display

A. PoE Port

B. Gigabit Uplink Combo Port

C. Gigabit SFP Fiber Uplink Port   D. Reset

E. System Working Light

Product Application Example

Product Ordering Information

Product Model: ONV-IPS31108PF

Product Description: 10-port 10/100M Industrial PoE Switch /Media Converter, with 8x 10/100Base-T RJ45 Ethernet ports, 1x gigabit TP/SFP combo port and 1x gigabit SFP slot. 8 RJ45 ports support PoE power supply function, compatible with both IEEE802.3af/IEEE802.3at standard.

Product Packing Lists

Packing Lists	10-port Industrial PoE Switch (ONV-IPS31108PF)
	User Guide
	Warranty Card

Note: SFP module and power adapter is not included in this package. Please order it separately.