Product Datasheet

6-port Full Gigabit bt PoE Fiber Switch

ONV-POE33064PFG-bt

OVERVIEW

The ONV-POE33064PFG-bt is a gigabit unmanaged bt PoE fiber switch independently developed by ONV. It has 5*10/100/1000Base-T RJ45 ports and 1*1000M uplink SFP slot port. Port 1-4 can support 71W PoE super high power output and backward compatible with the IEEE802.3af/at PoE standard. Single-port PoE power is 95W. As a PoE power supply device, it can automatically detect and recognize the power-receiving equipment that meets the standard and supply power through the network cable. It provides stable and safe terminals for PTZ network domes, high-power wireless AP, high-power network multimedia speakers, and high-power POE lighting, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals,, factory dormitory and small and medium-sized enterprise.

Unmanaged model, plug and play, no configuration, easy to use.

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FEATURE

■ **Full gigabit access**

◇ Gigabit RJ45 ports and SFP fiber port combination, high-speed high-bandwidth connection, to meet the networking needs of various scenarios.

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■ **Smart PoE power supply function**

◇ 4*10/100/1000Base-T RJ45 ports can support bt PoE power supply, meeting the demand for super high power PoE power supply in various scenarios.

◇ The maximum output power of single-port POE is 95W, and the backwards compatibility IEEE802.3af/at PoE power supply standard automatically identifies PoE devices for power supply without damaging non-PoE devices.

◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
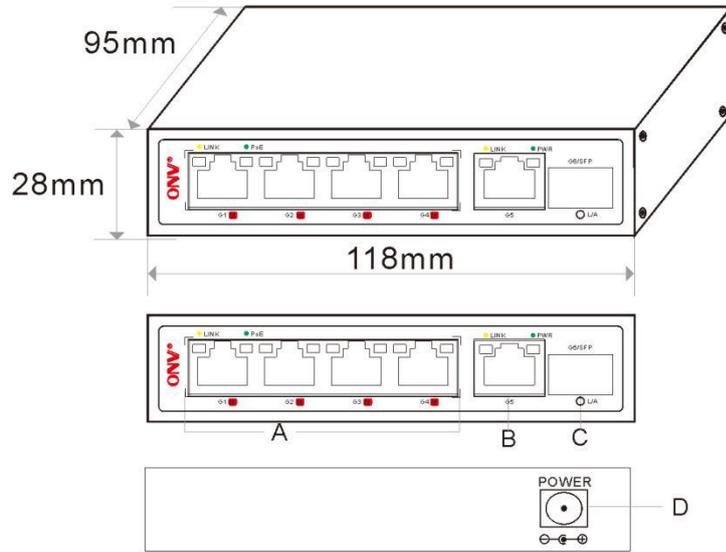
■ **Stable and reliable**

◇ CCC,CE, FCC, RoHS.

◇ Plug and play, no configuration, simple and convenient.

◇ Low power consumption, galvanized steel casing, No fan.

◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link ,PoE.

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TECHNICAL SPECIFICATION

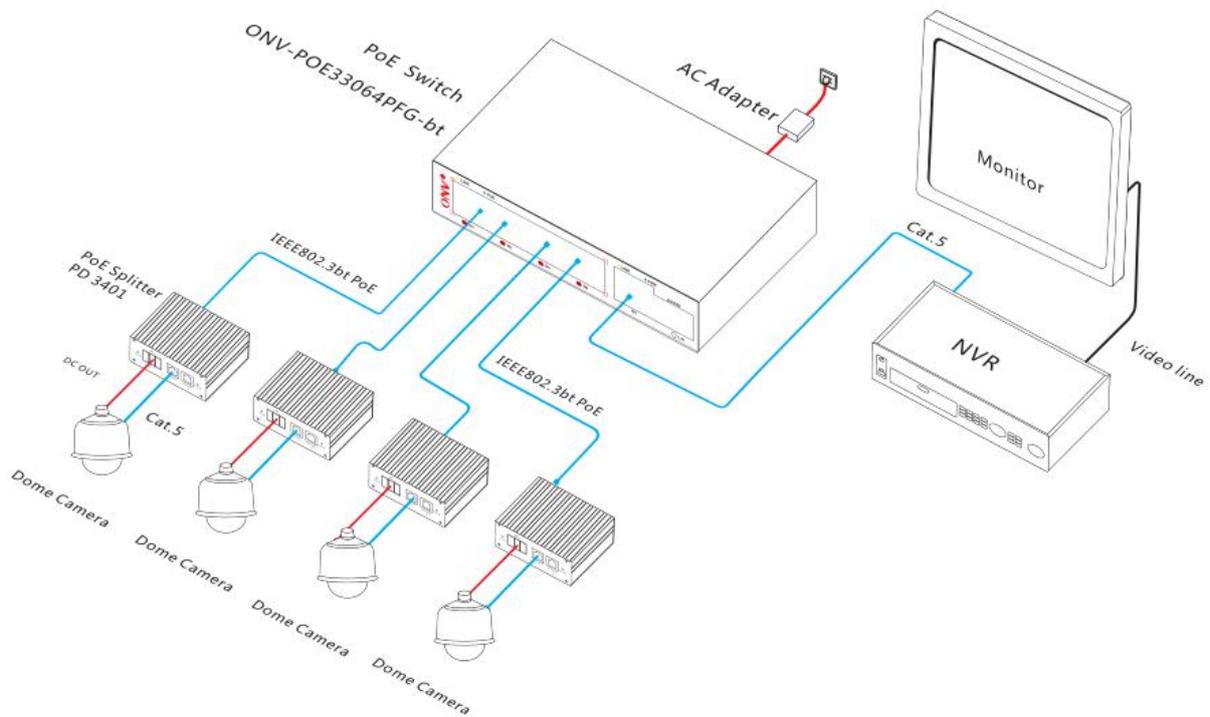| Model	ONV-POE33064PF-bt	ONV-POE33064PFG-bt
Interface Characteristics		
Fixed Port	4*10/100/1000M bt PoE ports (Data /Power) 2*1000M uplink SFP ports (Data)	4*10/100/1000M bt PoE ports (Data /Power) 1*10/100/1000M RJ45 port (Data) 1*1000M uplink SFP port (Data)
Ethernet Port	10/100/1000Base-T auto-sensing,full/half duplex MDI/MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
SFP Slot Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Optical Cable/ Distance	Multi mode: 850nm / 0 ~ 500M, Single mode: 1310nm/ 0 ~ 40KM, 1550nm 0 ~ 120KM.	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3u 1000Base-T IEEE802.3z 1000Base-X,IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	12Gbps (Non-blocking)	
Forwarding Rate@64byte	8.93Mpps	
MAC	8K	
Buffer Memory	2M	

Jumbo Frame	9.2K
LED Indicator	Power: PWR (green), network: Link (yellow), PoE: PoE (green)
PoE & Power	
PoE Port	Port 1 to 4 @bt POE and backward compatible with IEEE802.3af/at @ POE
Power Supply Pin	Defaul 1/2 (+), 3/6 (-), 4/5 (+), 7/8 (-)
Max Power Per Port	95W; IEEE802.3af/at/bt
Total PWR / Input Voltage	250W / (DC48-57V)
Power Consumption	Standby<6W, Full Load<240W
Input Voltage / Interface	DC48-57V/ DC5521 power supply terminal connected
Power Supply	External power adapter, AC100~240V 50-60Hz 4.1A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing
Dimension (L*W*H)	118*95*28mm
Net /Gross Weight	<0.5kg /<1.2kg
Installation	Desktop, wall-mounted
Certification & Warranty	
Lightning protection / protection level	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION

A. 4*10/100/1000M bt PoE ports   B. 1*10/100/1000M uplink RJ45 port
C. 1*1000M uplink SFP port   D. DC power port

APPLICATION

ORDERING INFORMATION

Model	Description	Configure Power Supply
ONV-POE33064PF-bt	Unmanaged bt PoE switch with 4*10/100/1000M RJ45 ports and 2*1000M uplink SFP ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External power supply.	250W
ONV-POE33064PFG-bt	Unmanaged bt PoE switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP port. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External power supply.	250W
Note: bt PoE switch does not match the SFP module.		

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	6-port full gigabit bt PoE fiber switch	1	SET
	Power Adapter+AC Power Cable	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

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OPTICAL MODULE INFORMATION

Product	Model	Description	Unit
1.25G Optical module	ONV-2630	SFP optical module, 1.25G, multi mode dual fiber 850nm, transmission distance: 550m, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-2632	SFP optical module, 1.25G, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-2612-T	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-2613-R	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-2612-T-SC	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
	ONV-2613-R-SC	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
Power Module	ONV-2633	1.25G SFP optical module transfers to 10/100/1000M RJ45 port.	PC

RELATED PRODUCT

Model	Description
ONV-POE33064P-bt	Unmanaged bt PoE fiber switch with 4*10/100/1000M RJ45 ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE33064PFM-bt	L2+ managed bt PoE fiber switch with 4*10/100/1000M RJ45 ports and 2*100/1000M uplink SFP ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE31064P-bt	Unmanaged bt PoEswitch with 6*10/100M RJ45 ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE31064PF-bt	Unmanaged bt PoE fiber switch with 4*10/100M RJ45 ports and 2*155M uplink SFP ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE31004PF-bt	Unmanaged bt PoE fiber switch with 4*10/100M RJ45 ports and 1*155M uplink SC port. Port 1-4 can support 71W super high power out and backward compatible with POE @ IEEE802.3af/at. External 250W power supply.

CONTACT US

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