# 26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports and 2 Gigabit Fiber Ports 15.4W (ONV-POE33024PF)

### 26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports



- ◆Supply power to 5 classes Ethernet wireless access point (AP) and network surveillance cameras (PoE)
- ◆Port1 to Port24 compatible with IEEE802.3af standard power Supply (Maximum power of each port is 15.4W)
- ◆24x 10/100 /1000Mbps automatic adjustment RJ45 PoE ports, 2x 10/100 /1000Mbps SFP fiber uplink ports
- ◆ Meets the standards of the IEEE 802.3af/ IEEE 802.3/ IEEE 802.3u/ IEEE 802.3x/ IEEE 802.3ab standard
- ◆ The packet forwarding speed of the wire-speed port is 1.488Mbps
- ◆ Network port has lighting-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- ◆ All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- ◆1U Rack mounted design, easy to install and use
- ◆ Automatic adjustment, plug and play, no need software and protocol conversion
- ♦QOS,RSETMSTP, IGMP; RADIUS and 802.1X certification















# Description

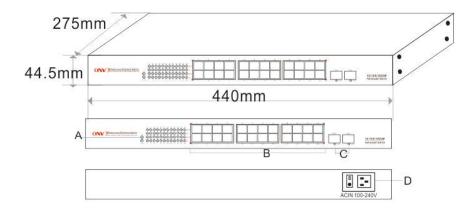
The 26-Port gigabit PoE ports provide fast connection to servers or the backplane of the gigabit speed. It features with PoE (Power Over Ethernet) function through different power levels of PoE power supply, that is it can supply the 48V DC power to the PD remote devices (e.g. IP Phone, WLAN AP, Security, Bluetooth AP etc.) via a network cable, in order that realizing the power supply for remote PD devices. As the power supply PSE (Power Sourcing Equipment) side device, which supports the IEEE802.3af power standard and single-port power is 15.4W.

This cost-effective ONV-POE33024PF is perfectly suitable for security surveillance/ small business/ home use. It comes with excellent lightning-proof capabilities and security features. The product adopts the standard rack metal housing design and is easy to install. POE33024P is fully compliant with IEEE802.3af/ IEEE802.3 10BASE-T Ethernet/ IEEE802.3u 100BASE-TX fast Ethernet/ **IEEE** 802.3ab 1000BASE-T Ethernet ANSI/IEEE802.3NWay auto-negotiation IEEE802.3x flow control. This ONV-POE33024P comes with the PoE green power saving application mode.

## Technical Specification

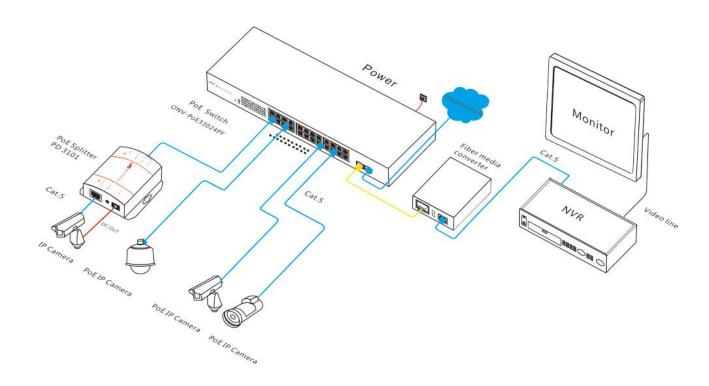
Product Name         26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports 15.4W           Product Model         ONV-POE33024PF           Connector Type         24x 10/100/1000M copper cable RJ45 PoE ports(All ports support MDI/MDIX automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports           Forwarding Mode         1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M           Network Medium         108ASE-TX: Cat5 or more UTP(≤100 meters)           1000BASE-TX: Cat5 or more UTP(≤100 meters)           1000BASE-TX: Cat5 or more UTP(≤100 meters)           Performance         Backplane Bandwidth: 52Gbps           Network Delay: less than 20 microsecond           Packet Buffer: 4M           Address Database size: 8K           MTBF: 100,000 hours           IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power;           The even number Port(1/3/5/7/9/11/13/15/171/9/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8- line pair) power supply           PoE Power         Port output power is 15.4W (IEEE802.3af)           Power Supply Type         Port output power is 15.4W (IEEE802.3af)           Power Potocols         IEEE 802.3; IEEE 802.3u; IEEE 802.3b; IEEE 802.x Flow Control           LED Indicator Status         Power, Network, Poe working status           Power         IEEE802.3af standard, each port power		
Connector Type       24x 10/100/1000M copper cable RJ45 PoE ports(All ports support MDI/MDIX automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports         Forwarding Mode       1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M         Network Medium       10BASE-T: Cat3,4,5 UTP(≤100 meters)         1000BASE-TX: Cat5 or more UTP(≤100 meters)       1000BASE-TX: Cat5 or more UTP(≤100 meters)         Backplane Bandwidth: 52Gbps       Network Delay: less than 20 microsecond         Packet Buffer: 4M       Address Database size: 8K         MTBF: 100,000 hours       IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power; The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8-line pair) power supply         PoE Power       Port output power is 15.4W (IEEE802.3af)         Power Supply Type       End-span type(Mid-span optional)         Network Protocols       IEEE 802.3; IEEE 802.3u; IEEE 802.3u; IEEE 802.x Flow Control         LED Indicator Status       Power, Network, PoE working status         Power       IEEE802.3af scandard, each port power is 15.4W, total power is 400W         Voltage       Input: AC100-240V 50/ 60Hz         Dimension/ Weight       Dimension (LxWxH): 440 x 275 x 44.5mm; Weight: 4.6kg         Working temperature: -20° C ~ 55°C; Storage temperature: -20° ~ 75°C;         Working Humidity: 10% ~ 9	Product Name	26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports 15.4W
Connector Type         automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports           Forwarding Mode         1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M           Network Medium         10BASE-T: Cat3.4,5 UTP(≤100 meters)           1000BASE-TX: Cat5 or more UTP(≤100 meters)           1000BASE-TX: Cat5 or more UTP(≤100 meters)           Backplane Bandwidth: 52Gbps           Network Delay: less than 20 microsecond           Packet Buffer: 4M           Address Database size: 8K           MTBF: 100,000 hours           IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power;           The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8-line pair) power supply           Power         Port output power is 15.4W (IEEE802.3af)           Power Supply Type         End-span type(Mid-span optional)           Network Protocols         IEEE 802.3; IEEE 802.3u; IEEE 802.3u; IEEE 802.x Flow Control           LED Indicator Status         Power, Network, PoE working status           Power         IEEE802.3af standard, each port power is 15.4W, total power is 400W           Voltage         Input: AC100~240V 50/ 60Hz           Dimension/ Weight         Dimension (LxWxH): 440 x 275 x 44.5mm; Weight: 4.6kg           Working Humidity: 10% ~ 90%, no condensation;	Product Model	ONV-POE33024PF
automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports  1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M  10BASE-T: Cat3,4,5 UTP(≤100 meters) 1000BASE-TX: Cat5 or more UTP(≤100 meters) 1000BASE-TX: Cat5 or more UTP(≤100 meters)  Backplane Bandwidth: 52Gbps Network Delay: less than 20 microsecond Packet Buffer: 4M Address Database size: 8K MTBF: 100,000 hours  IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power; The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8- line pair) power supply  PoE Power Port output power is 15.4W (IEEE802.3af)  Power Supply Type Red-span type(Mid-span optional) Network Protocols IEEE 802.3; IEEE 802.3; IEEE 802.3u; IEEE 802.3ab; IEEE 802.x Flow Control  IEEE 802.3; IEEE 802.3; IEEE 802.3ab; IEEE 802.x Flow Control  IEEE802.3af standard, each port power is 15.4W, total power is 400W  Voltage Input: Ac100~240V 50/ 60Hz  Dimension/ Weight Dimension (LxWxH): 440 x 275 x 44.5mm; Weight: 4.6kg  Working temperature: -20°C ~ 55°C; Storage temperature: -20° ~ 75°C;  Working Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark, commercial CE/LVD EN60950,RoHS	Connector Type	24x 10/100/1000M copper cable RJ45 PoE ports(All ports support MDI/MDIX
Network Medium		automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports
Network Medium       100BASE-TX: Cat5 or more UTP(≤100 meters)         Performance Specifications       Backplane Bandwidth: 52Gbps         Network Delay: less than 20 microsecond         Packet Buffer: 4M       Address Database size: 8K         MTBF: 100,000 hours       IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power; The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8- line pair) power supply         PoE Power       Port output power is 15.4W (IEEE802.3af)         Power Supply Type       End-span type(Mid-span optional)         Network Protocols       IEEE 802.3; IEEE 802.3u; IEEE 802.3a; IEEE 802.3ar; IEEE 802.x Flow Control         LED Indicator Status       Power, Network, PoE working status         Power       IEEE802.3af standard, each port power is 15.4W, total power is 400W         Voltage       Input: AC100~240V 50/ 60Hz         Dimension/ Weight       Dimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kg         Working       Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ Environment         Radiation       CE mark, commercial         FCC Part 15 Class B       VCCI Class B         EN 55022 (CISPR 22), Class B         CE Mark, commercial       CE/LVD EN60950,RoHS	Forwarding Mode	1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M
Backplane Bandwidth: 52Gbps	Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meters)
Backplane Bandwidth: 52Gbps   Network Delay: less than 20 microsecond   Packet Buffer: 4M   Address Database size: 8K   MTBF: 100,000 hours		100BASE-TX: Cat5 or more UTP(≤100 meters)
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Packet Buffer: 4M Address Database size: 8K MTBF: 100,000 hours    IEEE 802.3af, each port power is 15.4W; Port1 to Port24 support PoE power;   The even number Port(1/3/5/7/9/11/13/15/17/19/21/23) is end-span(1/2+, 3/6-line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24) is mid-span(4/5+, 7/8- line pair) power supply   PoE Power		Backplane Bandwidth: 52Gbps
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PoE PowerPort output power is 15.4W (IEEE802.3af)Power Supply TypeEnd-span type(Mid-span optional)Network ProtocolsIEEE 802.3; IEEE 802.3u; IEEE 802.3ab; IEEE 802.x Flow ControlLED Indicator StatusPower, Network, PoE working statusPowerIEEE802.3af standard, each port power is 15.4W, total power is 400WVoltageInput: AC100~240V 50/ 60HzDimension/ WeightDimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kgWorkingWorking temperature: -20°C ~ 55°C; Storage temperature: -20° ~ 75°C;WorkingWorking Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)RadiationCE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class BEn 55022 (CISPR 22), Class BCE Mark ,commercial CE/LVD EN60950,RoHS		line pair) power supply, the odd number port(2/4/6/8/10/12/14/16/18/20/22/24)
Power Supply Type       End-span type(Mid-span optional)         Network Protocols       IEEE 802.3; IEEE 802.3u; IEEE 802.3ab; IEEE 802.x Flow Control         LED Indicator Status       Power, Network, PoE working status         Power       IEEE802.3af standard, each port power is 15.4W, total power is 400W         Voltage       Input: AC100~240V 50/ 60Hz         Dimension/ Weight       Dimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kg         Working temperature: -20°C ~ 55°C; Storage temperature: -20° ~ 75°C;         Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~         90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)         CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B         Safety       CE Mark ,commercial CE/LVD EN60950,RoHS		is mid-span(4/5+, 7/8- line pair) power supply
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Dimension/ Weight  Dimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kg  Working temperature: -20°C ~ 55°C; Storage temperature: -20° ~ 75°C;  Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS	Power	IEEE802.3af standard, each port power is 15.4W, total power is 400W
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Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS	Dimension/ Weight	Dimension (LxWxH): 440 x 275 x 44.5mm; Weight:4.6kg
Environment  90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft)  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS		Working temperature: -20°C $\sim$ 55°C; Storage temperature: -20° $\sim$ 75°C;
Altitude: 3000 meters (10,000ft)  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS	Working	Working Humidity: 10% $\sim$ 90%, no condensation; Storage Humidity: 5% $\sim$
Radiation  CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS	Environment	90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage
Radiation  FCC Part 15 Class B  VCCI Class B  EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS		Altitude: 3000 meters (10,000ft)
VCCI Class B EN 55022 (CISPR 22), Class B  CE Mark ,commercial CE/LVD EN60950,RoHS	Radiation	CE mark, commercial
VCCI Class B		FCC Part 15 Class B
Safety  CE Mark ,commercial CE/LVD EN60950,RoHS		VCCI Class B
Safety  CE/LVD EN60950,RoHS		EN 55022 (CISPR 22), Class B
CE/LVD EN60950,RoHS	Safety	CE Mark ,commercial
Warranty 1 Year Warranty, Life-time Maintenance		CE/LVD EN60950,RoHS
	Warranty	1 Year Warranty, Life-time Maintenance

## Dimension



- A. Working Indicator
- B. 24x PoE Ports
- C. SFP Optical Port
- D. Power Input Port AC100-240V,50/60Hz

# **Application**



#### **Ordering Information**

Product Model: ONV-POE33024PF

**Product Description:** 26-Port gigabit PoE switch with 24 gigabit PoE ports and 2x gigabit SFP fiber ports; port1 to port24 supports POE IEEE 802.3af international standard, each port power is 15.4W,

the total power is 400W

Ordering Note: The even number port is end-span(1/2+, 3/6- line pair) power supply, the odd number

port is mid-span(4/5+, 7/8- line pair) power supply

#### Packing List

	26-Port Gigabit PoE Switch with 24 Gigabit PoE Ports 15.4W (ONV-POE33024PF)	
Packing List	Power Adapter Cable	
Packing List	User Guide	
	Warranty Card	

#### **Contact Us:**

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