

OVERVIEW

The **S2402P** is a Gigabit uplink PoE switch independently developed by Xentino. It has 24*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports. Port 1-24 can support IEEE802.3af/at standard PoE. Single port PoE power up to 30W, and the maximum POE output power is **250W**. 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 can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy.

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

FEATURES

10/100M access, Gigabit uplink

◇ Provides 24*10/100M PoE ports and 2*10/100/1000M RJ45 ports for flexible networking and meets the networking requirements of various scenarios.

♦ Support non-blocking wire-speed forwarding.

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

Intelligent PoE power supply

◇ 24*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

♦ IEEE802.3af/at PoE standard, 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, easy to use

♦ CCC,CE, FCC, RoHS.

- ♦ Support desktop and 1U-19 inch cabinet installation.
- ◇ Plug and play, no configuration, simple and convenient.
- ♦ Low power consumption, galvanized steel casing, no fan.
- ♦ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.
- ♦ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ♦ With function switch, port 17-24 can support 10M/250 meters long distance transmission mode when one key is opened.

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24Port 100Mbps POE + 2Port Gigabit(RJ45) Unmanaged Switch (250W)

TECHNICAL SPECIFICATION

Fixed Port24*10/100Base-T PoE ports (Data/Power) 2*10/100/1000Base-T uplink RI45Ethernet PortPort 1-24 can support 10/108ase-TX, Port 25-26 can support 10/100/1000Base-T auto-detection, full/half-duplex MDI/MDI-X auto-sensingTwisted Pair Transmission100BASE-T: Cat3.4, S UTP(250 meter) 1000BASE-T: Cat5 or later UTP(1500 meter) 1000BASE-T: Cat5 or later UTP(1500 meter) 1000BASE-T: Cat5 or later UTP(1500 meter)Special FunctionAfter opening, port 17-24 can support 10M/250 meters long distance transmission. Note: when the switch state changes, it must be restarted before the PoE switch function can take effectChip ParameterEEEB02.3 10BASE-T, IEEEB02.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3a b 1000Base T, IEEE802.3xForwarding ModeStore and Forward(Full Wire Speed)Switching Capacity14.8Cbps (Non-blocking)Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KPoe FortPort 1 to 24 IEEE802.3af/at @POEPoe FortPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/(-), optional 4/5(+), 7/8(-)Max Power Per Port300/ (IEE802.3af/at Total PWR (green), network : Link(yellow),POE: POE (green)Power Supply PinDefault 1/2(+), 3/(-), optional 4/5(+), 7/8(-)Max Power Supply PinDefault 1/2(+), 3/(-), optional 4/5(+), 7/8(-)Max Power Per Port300/ (IEE802.3af/at Total PWR (green), FUC 200V 50-60Hz 4.1APhysical Parameter20~+55°C, 5%~95% RH Non condensingDorardot FIMP / Humidity20~+55°C, 5%~95% RH Non condensingStorage TEMP	XENTINO S2402P		
Predupper2*10/100/1000Base-T uplink RI45Ethernet PortPort 1-24 can support 10/100Base-TX, Port 25-26 can support 10/100/1000Base-T auto-detection, ful/Nafi-Qujex MDI/MDI-X auto-sensingTwisted Pair Transmission10BASE-T: Cat3,4,5 UTP(s250 meter) 100BASE-T: Cat5 or later UTP(s100 meter) 100BASE-T: Cat5 or later UTP(s100 meter)Special FunctionAfter opening, port 17-24 can support 10/1250 meters) After opening, port 17-24 can support 10/1250 meters Note: when the switch state changes, it must be restarted before the PoE switch function can take effectChip ParameterIEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3kNet e: when the switch state changes, it must be restarted before the PoE switch function can take effectSpecial FunctionIEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3kForwarding ModeStore and Forward(Full Wire Speed)Switching Capacity14.8Gbps (Mon-blocking)Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)Pote TotPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Nax Power Per Port30W, IEEE802.3af/at @POEPower SupplyBuilt-in power supply, AC 100°240V 50-60Hz 4.1APhysical ParameterUper400Uper400Standby-20W, Full Load<250WPower SupplyBuilt-in power supply, AC 100°240V 50-60Hz 4.1APh	Interface Characteristics		
Ethernet Portauto-detection, full/half-duplex MDI/MDI-X auto-sensingTwisted Pair Transmission10BASE-T: Cat3,4,5 UTP(250 meter) 1000BASE-T: Cat5 or later UTP(5100 meter) 1000BASE-T: Cat5 or later UTP(5100 meter)Special FunctionAfter opening, port 17-24 can support 10M/250 meters long distance transmission. Note: when the switch state changes, it must be restarted before the PoE switch functior can take effectChip ParameterEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 10BASE-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100BASE-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100BASE-T, IEEE802.3u 10Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100BASE-T, IEEE802.3b 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100BASE-T, IEEE802.3b 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100BASE-T, IEEE802.3b 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3b 100Base-TX,	Fixed Port		
Twisted Pair Transmission100BASE-TX: CatS or later UTP(\$100 meter) 1000BASE-T: CatSe or later UTP(\$100 meter)Special FunctionAfter opening, port 17-24 can support 10M/250 meters long distance transmission. Note: when the switch state changes, it must be restarted before the PoE switch function can take effectChip ParameterIEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3xForwarding ModeStore and Forward(Full Wire Speed)Switching Capacity14.8Gbps (Non-blocking)Forwarding Rate6.5SMpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KLED IndicatorPower.PWR (green), network : Link(yellow), PoE: PoE (green)PoE Ar Ower SupplyDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Power Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atPower SupplyStonday-200W, Full Load<250W	Ethernet Port		
Special Function Note: when the switch state changes, it must be restarted before the PoE switch function can take effect Chip Parameter EEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3x Forwarding Mode Store and Forward(Full Wire Speed) Switching Capacity 1.83Gbps (Non-blocking) Forwarding Rate 6.55Mps (@64byte) MAC 16K Buffer Memory 4M Jumbo Frame 9.6K LED Indicator Power:PWR (green), network : Link(yellow),PoE: PoE (green) PoE Port Port 1 to 24 IEEE802.3af/at @POE Power Supply Pin Default 1/2(+), 3/6(-), optional 4/5(+), 7/8(-) Max Power Per Port 30W, IEEE802.3af/at Optioner Supply Pin Default 1/2(+), 3/6(-), optional 4/5(+), 7/8(-) Power Supply Pin Default 1/2(+), 3/6(-), optional 4/5(+), 7/8(-) Max Power Per Port 30W, IEEE802.3af/at Total PWR / Input Voltage 250W / (AC100-240V) Power Supply Built-in power supply, AC 100°240V 50-60Hz 4.1A Physical Parameter 20°+55°C, 5%~90% RH Non condensing Storage TEMP / Humidity 20°+55°C, 5%~90% RH Non condensing	Twisted Pair Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)	
Network ProtocolIEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base T, IEEE802.3xForwarding ModeStore and Forward(Full Wire Speed)Switching Capacity14.8Gbps (Non-blocking)Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)POE & Power SupplyPot 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PVR / Input Voltage250W /(Ac100-240V)Power SupplyBuilt-in power supply, AC 100°240V 50-60Hz 4.1APhysical Parameter	Special Function	Note: when the switch state changes, it must be restarted before the PoE switch function	
Network ProtocolT, IEEE802.3xForwarding ModeStore and Forward(Full Wire Speed)Switching Capacity14.8Gbps (Non-blocking)Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MIumbo Frame9.6KLED Indicatorpower:PWR (green), network : Link(yellow),PoE: PoE (green)POE AportPort 1 to 24 IEEE802.3af/at @POEPower SupplyDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)MAX Power Per Port30W (AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	Chip Parameter		
Switching Capacity14.8Gbps (Non-blocking)Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)POE & Power SupplyPot 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base- T, IEEE802.3x	
Forwarding Rate6.55Mpps (@64byte)MAC16KBuffer Memory4MJumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)POE & Power SupplyPot 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power SupplyBuilt-in power supply, AC 100~240V 50-60Hz 4.1APhysical Parameter20~+55°C, 5%~90% RH Non condensingStorage TEMP / Humidity-20~+55°C, 5%~95% RH Non condensingDimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	Forwarding Mode	Store and Forward(Full Wire Speed)	
MAC16KBuffer Memory4MJumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)POE & Power SupplyPower SupplyPoE PortPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W / (AC100-240V)Power SupplyBuilt-in power supply, AC 100~240V 50-60Hz 4.1APhysical Parameter20~+55°C, 5%~90% RH Non condensingStorage TEMP / Humidity-20~+55°C, 5%~95% RH Non condensingDimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	Switching Capacity	14.8Gbps (Non-blocking)	
Buffer Memory4MJumbo Frame9.6KJumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)PoE & Power SupplyPower SupplyPoE PortPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	Forwarding Rate	6.55Mpps (@64byte)	
Jumbo Frame9.6KLED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)PoE & Power SupplyPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power SupplyBuilt-in power supply, AC 100~240V 50-60Hz 4.1APhysical Parameter20~+55°C, 5%~90% RH Non condensingOperation TEMP / Humidity-20~+55°C, 5%~90% RH Non condensingStorage TEMP / Humidity40~+75°C, 5%~95% RH Non condensingDimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	MAC	16К	
LED IndicatorPower:PWR (green), network : Link(yellow),PoE: PoE (green)PoE & Power SupplyPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250WPower SupplyBuilt-in power supply, AC 100°240V 50-60Hz 4.1APhysical ParameterOperation TEMP / Humidity20°+55°C, 5%°90% RH Non condensingStorage TEMP / Humidity20°+75°C, 5%°95% RH Non condensingDimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kgForm FactorDesktop, wall mounted,19 inch 1U cabinetCertification & WarrantyLightning protection : 4KV 8/20us, Protection level: IP30CertificationCCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	Buffer Memory	4M	
PoE & Power SupplyPoE PortPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	Jumbo Frame	9.6К	
PoE PortPort 1 to 24 IEEE802.3af/at @POEPower Supply PinDefault 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	LED Indicator	Power:PWR (green), network : Link(yellow),PoE: PoE (green)	
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Max Power Per Port30W, IEEE802.3af/atTotal PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	PoE Port	Port 1 to 24 IEEE802.3af/at @POE	
Total PWR / Input Voltage250W /(AC100-240V)Power ConsumptionStandby<20W, Full Load<250W	Power Supply Pin	Default 1/2(+), 3/6(-), optional 4/5(+), 7/8(-)	
Power ConsumptionStandby<20W, Full Load<250WPower SupplyBuilt-in power supply, AC 100°240V 50-60Hz 4.1APhysical ParameterOperation TEMP / Humidity-20°+55°C, 5%°90% RH Non condensingStorage TEMP / Humidity-40°+75°C, 5%°95% RH Non condensingDimension30°204*44mm (L*W*H)Net / Gross Weight<2.3kg / <3kg	Max Power Per Port	30W, IEEE802.3af/at	
Power SupplyBuilt-in power supply, AC 100~240V 50-60Hz 4.1APhysical ParameterOperation TEMP / Humidity-20~+55°C, 5%~90% RH Non condensingStorage TEMP / Humidity-40~+75°C, 5%~95% RH Non condensingDimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	Total PWR / Input Voltage	250W /(AC100-240V)	
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 330*204*44mm (L*W*H) Net /Gross Weight <2.3kg / <3kg	Power Consumption	Standby<20W, Full Load<250W	
Operation TEMP / Humidity-20~+55°C, 5%~90% RH Non condensingStorage TEMP / Humidity-40~+75°C, 5%~95% RH Non condensingDimension30*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	Power Supply	Built-in power supply, AC 100~240V 50-60Hz 4.1A	
Storage TEMP / Humidity -40~+75°C, 5%~95% RH Non condensing Dimension 330*204*44mm (L*W*H) Net /Gross Weight <2.3kg / <3kg	Physical Parameter		
Dimension330*204*44mm (L*W*H)Net /Gross Weight<2.3kg / <3kg	Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing	
Net /Gross Weight <2.3kg / <3kg	Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing	
Form Factor Desktop, wall mounted,19 inch 1U cabinet Certification & Warranty Lightning Protection / Protection Level Certification CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	Dimension	330*204*44mm (L*W*H)	
Certification & Warranty Lightning Protection / Protection Level Certification CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	Net /Gross Weight	<2.3kg / <3kg	
Lightning Protection / Protection LevelLightning protection: 4KV 8/20us, Protection level: IP30CertificationCCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	Form Factor	Desktop, wall mounted,19 inch 1U cabinet	
Protection Level CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	Certification & Warranty		
	Lightning Protection / Protection Level	Lightning protection: 4KV 8/20us, Protection level: IP30	
Warranty 1 years, lifelong maintenance.	Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	
	Warranty	1 years, lifelong maintenance.	

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DIMENSION



APPLICATION



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ORDERING INFORMATION

Model	Description
S2402P	Unmanaged PoE switch with 24* 10/100M PoE ports and 2* 10/100/1000M uplink RJ45 ports. Port 1-24 can support IEEE802.3af/at PoE standard. Adjust function switch, Port 17-24 can support 10M/250m transmission. Built-in 250W power supply.

PACKAGE CONTENT

QTY	UNIT	CONTENT
1	SET	24Port 100Mbps POE + 2Port Gigabit(RJ45) Unmanaged Switch (250W)
1	PC	AC Power Cable
1	SET	Mounting Kits(Hanging Ear)
1	PC	User Guide
1	PC	Warranty Card