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N E T W O R K

TR-IES3208P-SFP

Industrial POE Switch

Product Overview

The TR-IES3208P-SFP Industrial POE Switch is the ideal solution for powering remote devices such as IP phones, video cameras, wireless access points, alarms, traffic controllers, sensors and tracking devices, which are installed 100m far from a Power over Ethernet switch. In addition to transmitting data, the twisted-pair port also injects power down the cable, allowing a remote Power over Ethernet Device to operate without the need of any additional power source. All Power over Ethernet Powered Devices (IEEE 802.3af/at complaint) are supported, as the Power Sourcing Equipment (PSE) device can deliver a full 15.4W / 30W of power to the remote PD device.

The TR-IES3208P-SFP features 2 x 1000Base-X SFP Slot and 8 x 10/100/1000Base-T twisted-pair port. The SFP slot port for any kind of MSA-compliant pluggable 1.25G SFP Transceivers. The twisted-pair port has 8 x RJ-45 connector with a maximum operating distance of 100m.

The TR-IES3208-SFP Industrial Gigabit Ethernet Switch is designed to stand up to extreme temperature, surges, vibrations, and shocks found in industrial automation, government, military, mining and outdoor applications, such as traffic management, oil and gas pipelines.

The IES3208P-SFP series enables real-time deterministic network operation, requires no configuration and will instantly operate as soon as you power it up. Additionally, they can be installed by DIN-rail or wall-mounted, allowing users to deploy any mix of network conversions required

Features

- Provide 8 x 10/100/1000Base-T
- 2 x 1000Base-X SFP Slot for Daisy-Chain
- IEEE803.3af/at compliant
- RJ45 support auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Store-and-forward
- Max packet size: 10K bytes
- Support wide operating temperature (-40 °C ~ +85 °C)
- Wide-range redundant power design (44~58VDC)
- Power polarity reverse protect
- Overload current resettable fuse present
- IP-40 protection
- Provide EFT protection for Power line
- Support Ethernet ESD protection
- DIN-Rail and Wall-Mounted Installation
- Low power consumption

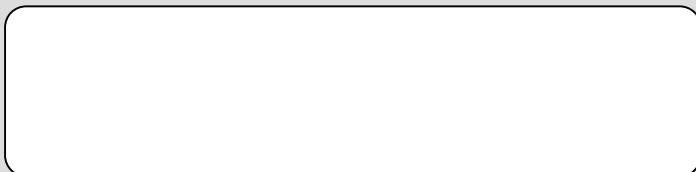## Technical Specifications

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX standards IEEE802.3x Flow control and back pressure IEEE802.3af/at POE
Performance	Processing Type: Store and Forward Back Bandwidth: 20Gbps MAC Address Size: 16Kbit Packet Buffer Size: 2Mbit Time Delay: <10us Frame: 10kbytes
Copper Port	Data Rate: 10/100/1000M Connector: RJ45 x 8 Distance: 100m
Fiber Port	Data Rate: 1.25G Connector: SFP slot x 2 Distance: Up to SFP Transceivers
LED indicators	PWR1: ON=Power Connected

Your Route to The Destination

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	PWR2: ON= Power Connected FL/A: ON=Fiber Connected; Active=Data Transmitting L/A: ON=Copper Connected; Active= Data Transmitting POE: ON=POE Working; Off=No POE
Power	Input Voltage: 44~57VDC, redundant power inputs Power Consumption: ≤8W PoE Budget: 240Watts Protection: Overload Current; Reverse Polarity Connector: Terminal Block
Environment	Operating Temperature: -40 ˚C ~ +85 ˚C Storage Temperature: --40 ˚C ~ +95 ˚C Relative Humidity: 5-95% (no condensation)
Physical Characteristics	Housing: IP40 Protection, Aluminum Alloy Installation: DIN-rail mounting, wall mounting(with optional kit) Dimension: 138*107*45mm(device); 220*175*73mm(packing) Weight: 0.48kg(device); 0.63kg(device with packing)
Certification	CE,FCC,RoHS,ISO

Ordering Information

Techroutes S2900-P Series	
Item	**Description**
TR-IES3208P-SFP	10/100/1000M 2GX8GE POE, SFP Slot
Note: AC-DC Power supply provided by user or ordered additionally	

For More details:
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