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SEN-9428P-24V-RW

Umanaged 8 x 10/100/1000 PoE+ & 2 x FX/GbE SFP Switch, Railway Approval

Description

Switch when used in railway applications has to hold certain certification to prove its ability whether it can be best fit for it or not. SEN-9428P-24V-RW is certified with and EN 50155 and EN 50121-4 to use in railway applications so that it makes you feel trustworthy to use for surveillance or ticketing network in railway and bus stations. EN 50155, EN 50121-4 and EN 61373 certificates guarantee trustworthy operation in critical environments where vibration and shock are common place. With IP40 protection it exhibits extreme tolerance in harsh temperature environment ranging from -40°C to 75°C.

SEN-9428P-24V-RW is built with 24V input and its Power Booster technology boosts power up to 30W per port with available 24V voltage to feed surveillance cameras, wireless access points, IP phones and other PoE enabled devices. Complied with 8 PoE+ (IEEE 802.3af/at) Gigabit copper ports, the switch eliminates the need of running separate cables for power and data. 2 x FX/GbE SFP slots gives the advantages of configuring daisy chain topologies offering full-proof fiber advantages for a safe, reliable and long distance Gigabit connectivity.



















Features Highlight

Robust Switch Performance

SEN-9428P-24V-RW is enclosed within IP40 aluminum case and can able to sustain harsh temperature ranging between -40°C and 75°C. Along with this, the switch is built with various protection features such as ESD Protection, Surge Protection and Reverse Polarity Protection to deliver non-stop PoE service to the Powered Devices.



High-Power Budget for PoE Network Devices

SEN-9428P-24V-RW is capable of delivering PoE power up to 30W per port (IEEE 802.3af/at) to PoE+ compliant powered devices. Addition to this, the switch allows simple "plug and play" PoE for various types of high power consuming PoE devices. Thereby, irrespective of their location, powered devices can be powered without installing additional power outlets or cabling and significantly reduce your CAPEX.



Efficient Power Booster Support

There are many places such as small factories, workstations where the voltage supply is not sufficient for PoE operation. Hence to deal with this situation, SEN-9428P-24V-RW is designed with innovative power booster technology which can boost DC voltage from 24V DC to 48~57V DC for demanding IP surveillance saving additional cost and space for external voltage converter.

Redundant Power Supply

To guarantee power runs continuously the switch is designed to be simultaneously connected to two power supplies and an alarm through a standard industrial terminal block. If one power supply stops working the switch will start feeding its power on the alternative power supply and the alarm will go off to notify

Advanced QoS Support

Understanding the need of smoother data transmissions for specific surveillance applications, the SEN-9428P-24V-RW supports IEEE 802.1p Quality of Service (QoS) which enhances bandwidth utilization to ensure time sensitive data gets delivered efficiently to mission-critical applications without any delay even during burst of high traffic. Addition to the beneficial fetures, the switch is also configured with efficient Storm Control functionalities which can only allow the traffic of a predefined rate. Both the QoS and Storm Control function can easily managed by DIP Switch without any burden of manual enable and disable.



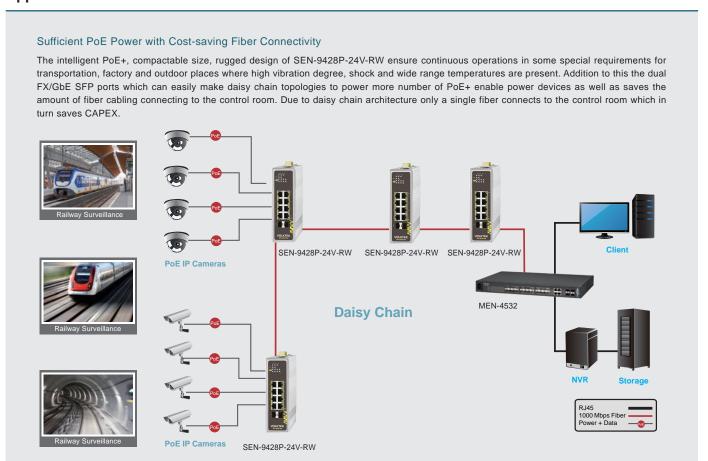


Features Highlight

Eco-friendly Green Ethernet Design

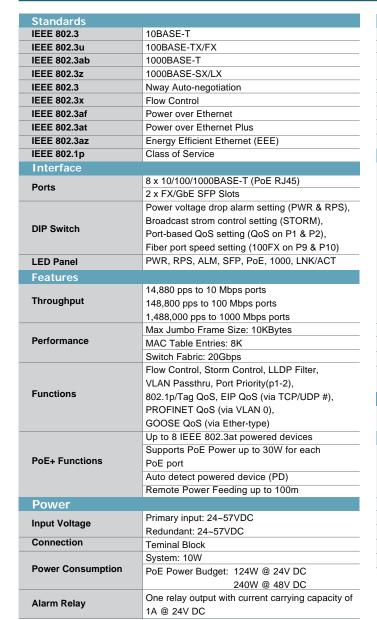
To address the concerns of increasing power consumption, SEN-9428P-24V-RW implements IEEE 802.3az Energy Efficient Ethernet (EEE) compliant Green Ethernet technology. This eco-friendly design allows the switch to automatically adjust power consumption and conserve energy during the periods of low data activity. This helps you to lower the energy usage significantly and help you save operational costs.

Applications



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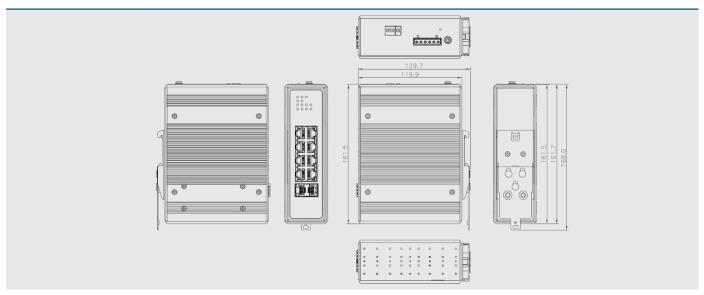




Mechanical and Environment		
Housing		Aluminum Case (IP40 protection)
Mounting Kit		DIN-Rail
Operating Temperature		-40°C~75°C (-40°F~167°F)
		70°C Railway Certified
Storage Temperature		-40°C~85°C (-40°F~185°F)
Operating Humidity		5 to 95% RH (non-condensing)
Storage Humidity		5 to 95% RH (non-condensing)
Weight		930 g (2.1 lb)
Dimension (WxHxD)		50 x 160 x 120 mm (1.97 x 6.3 x 4.72 in)
Standards and Certifi		fications
CE	ЕМІ	FCC Part 15 Subpart B Class A
		EN 55022: class A
		EN 55011: 2009 class A
		EN 61000-6-4
	EMS	EN 55024
		EN 61000-6-2
		EN 61000-4-2 (ESD)
		EN 61000-4-3 (RS)
		EN 61000-4-4 (Burst)
		EN 61000-4-5 (Surge)
		EN 61000-4-6 (CS)
		EN 61000-4-8 (PFMF)
Shock		IEC 60068-2-27
Freefall		IEC 60068-2-32
Vibration		IEC 60068-2-6
Rail Traffic		EN 50155
		EN 50121-4
Ordering Information		
SEN-9428P-24V-RW		Umanaged 8 x 10/100/1000 PoE+ & 2 x FX/GbE
		SFP Switch, Railway Approval
Optional Accessories		
Power Supply		SDR-480-48: DIN-Rail 480W, 48VDC, Industrial
		Power Supply with PFC Function
		SDR-240-48: DIN-Rail, 240W, 48VDC, Industrial
		Power Supply with PFC Functio
DIN-Rail Holder		DR-160 (for GST-160)
GBM-104		1000BASE-SX 1.25G, Multi-mode SFP, 500m
GBM-104-2		1000BASE-SX 1.25G, Multi-mode, 3.3V, 1310nm, 2Km
GBM-104-10		1000BASE-LX 1.25G, Single mode SFP, 10Km
GBM-123		1000BASE-LX Bi-di Single Mode SFP Module, 10Km
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^{*}Industrial SFP with wide operating temperature from -40°C~85°C (-40°F~185°F) is available upon request

Dimension



^{*}Specifications subject to change without notice.