Industrial Ethernet Switches PIXE-12T 4SX-G



Key Features

- 4 x 10Gbps SFP trunks (Support 1Gbps / 2.5 / 5G)
- 8 x 10/100/1000M Base-TX RJ45 PoE+ Ports
- 4 x 10/100/1000M Base-TX RJ45 ports
- IEEE 802.3af and 802.3at PoE per port
- G.8032 (ERPS) Ring protection
- Managed via CLI, Telnet, SSH, Web & SNMP
- Jumbo frame (9.6Kbytes) Support
- Backplane 386Gbps 131 Mpps
- 802.1Q VLAN, Port Mirroring and Isolation
- IGMP Snooping, DHCP Snooping,



Overview

The Case Communications PIXE 12T-4SX-G is a new generation of layer 2 managed PoE / PoE+ switches, with 4 x 10Gbps ports (also capable of running 1.25 / 2.5 / 5Gbps), 8 10/100/1000 TX-RJ45 x PoE / PoE+ ports and 4 x 10/100/1000Mbps TX-RJ 45 ports.. The PIXE 12T-4SX G supports ring technology in the form of STP and RSTP and also G.8032 (ERPS) with the ability to supress Broadcast Storms.

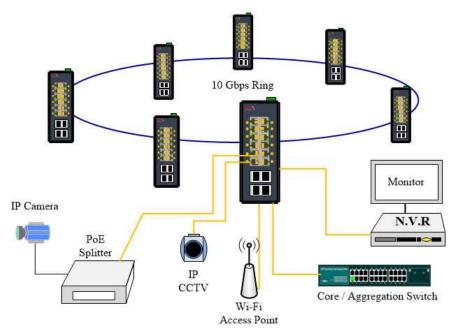
The PIXE 12T 4SX G is equipped with high levels of security and quality of service policy, and it also supports VLANS, port mirroring, and port data rate limiting.

The PIXE 12T 4SX G is managed via a CLI, Telnet, SSHH a Web Interface or SNMP.

The PIXE 12T 4SX G operates without fans from -40C to +75C and operates from a 48vdc power supply.

Applications

The PIXE 12T 4SX –G with its 8 x PoE Ports is an ideal switch to provide Wi-Fi Access Points, provide access to IP Phones or CCTV devices. Using the embedded security, the users can work with confidence and authorised users can have access to the network and network devices.



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FACT SHEET

Industrial Ethernet Switches PIXE-12T 4SX-G



Product Number	Technical Specifica	Technical Specifications		
Connector Type 4 x 10/100/1000Base-T Ports 4 x 106 (1.25 / 2.5 / 5G) SFP Stots 10Base-T: Cat 3/4/5 UTP (≤100m) Network Media 100Base-T: Cat 3/4/5 UTP (≤100m) 1000Base-T: Cat 3/4/5 UTP (≤100m) 1000Base-T: Cat 3/4/5 or more UTP (≤100m) Switching Capacity 130.94 Million packets per second (64 Byte) Bandwidth 368 Gbps Layer 2 Switching Spanning Tree Rapid Spanning Tree (RSTP) 802.1w Rapid Spanning Tree Rapid Spanning Tree (RSTP) 802.1w Rapid Spanning Tree Rapid Spanning Tree (RSTP) 802.1w Rapid Spanning Tree Rapid Spanning Tree 802.1d Rap				
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	Other management	Single IP management: HTTP / HTTPs: SSH, RADIUS, DHCP Client; SNTP; cable		
		diagnostics; ping, syslog; Telnet client (SSH Secure support)		

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FACT SHEET

Industrial Ethernet Switches PIXE-12T 4SX-G



Physical Features	Physical Features		
Ethernet			
	Compliant with IEEE 802.3az Energy Efficient Task Force.		
Link detection	Auto-Power down		
	Gigabit RJ 45 port when detecting link down or idle goes to hibernation mode.		
	Active mode resumed automatically without loss of data		
Cable length detection	Adjusts the signal strength based on the cable length. Reduces the power consumption for shorter cables		
Jumbo Frames	Frame sizes up to 9KB on the Gigabit Interfaces		
MAC Table	Up to 16K MAC Addresses.		
Link Layer discovery	Used by network devices to advertise their identities, capabilities to their neighbours on an		
protocol (LLDP)	Ethernet Network		
POE			
PoE Standards	PoE Power Per Port: 30 Watts by default, can be changed via the manager		
PoE Ports	End Span (Mid-Span optional)		
Physical			
Dimensions	165 x 148 x 54mm		
Operating Temperature	-40C ~ +75C		
Storage Temperature	-40C ~ +75C		
Installation	Default DIN Rail, Wall Mounting bracket also included		
Power			
Input Voltage	48vdc wired to an terminal block		
Switch Consumption	Power up – 60 watts		
	Normal running – 15 watts		
	PoE Plus 30 Watts per port		

Purchasing Information	Description
PIXE 12T 4S MX-G	Industrial Ethernet Switch – -40 c~ +75C, 4 x 10Gbps SFP ports, 8 x PoE Ports,
	4 x 10/100Mps ports, G.8032 ring protection, fully managed

Email: sales@casecomms.com

Int: +44 (0) 1494 880 240