

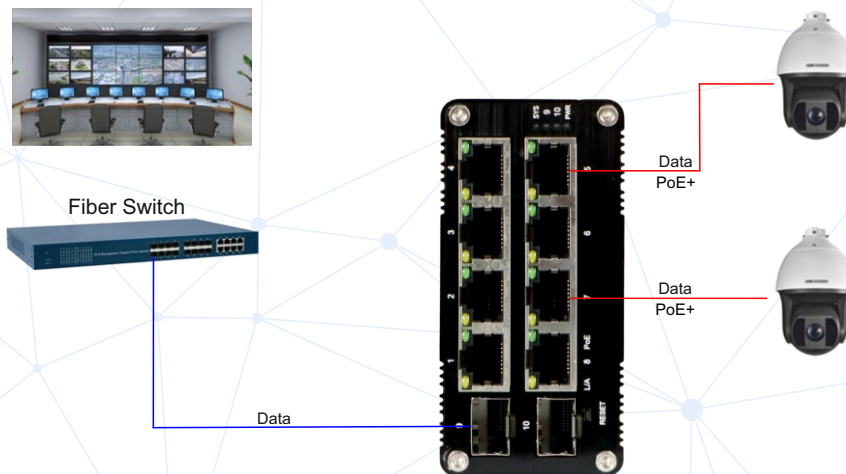


- 8 x 10/100/1000 BASE-TX RJ45 Ports with IEEE 802.3at PoE+ compatibility
- 2 x 100/1000 BASE-X SFP Port
- Supports Full/Half Duplex, Auto-Negotiation, Auto MDI/MDIX
- 48-57VDC Voltage Input with Dual Redundant Input Options
- Up to 30W on each PoE Port
- Supports Web Management
- Supports IEEE 802.3D/W/S STP/RSTP Protocol
- Supports IEEE 802.3/ 802.3u/ 802.3ab/ 802.3z/ 802.3x Store and Forward Modes
- IEEE 802.3az - Energy Efficient Ethernet (EEE)
- Supports DIN Rail Installation
- Up to 240W total PoE Budget
- IP40 Aluminium Enclosure
- -40°C to +80°C Operating Temperature Range

Overview:

The PDT-NSM-7208-MP-SF-I is a Small Form Factor Industrial Managed PoE Switch, supporting 8 x 10/100/1000 BASE-T PoE+ RJ45 Ports, 2 x 100/1000 BASE-X auto-detecting SFP Port, to allow fiber connectivity using 1 or 2 core, Single or Multi-Mode fiber. The unit is designed for harsh industrial conditions and environments and has an operating voltage range of 48-57VDC. The Web GUI allows for control of the unit, locally, or across a deployed network, and the device uses a Realtek chipset. The unit is housed in a rugged aluminium case, and the device has a wide operating temperature range, to allow it to be used in a wide variety of applications.

Applications



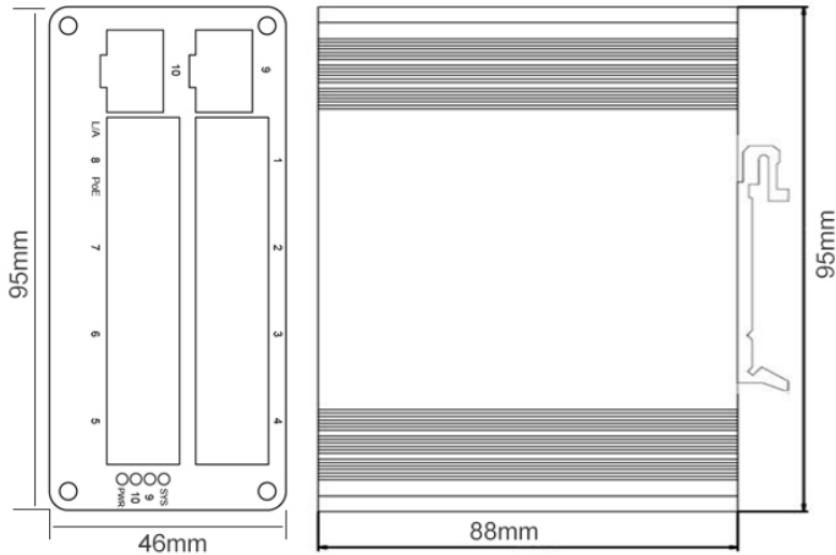
Specifications And Availability Are Subject To Change Without Notice. Trademarks Are The Property Of Their Respective Owners.
Copyright © 2024 Parallax Digital Technologies Ltd. All Rights Reserved.



Specifications

ETHERNET	Standards	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3af/at Power over Ethernet IEEE 802.3az Energy Efficient Ethernet	MECHANICAL	Dimensions	95mm x 88mm x 46mm
	Forwarding and Filtering Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)		Weight	0.3kg
	Packet Buffer	1Mbits	INDICATORS	Casing	Aluminium
	Packet Length	10KB		Mounting	DIN Rail
	MAC Address Table	4K		PWR	Power
	Switch Fabric	10Gbps/ non-blocking		L/A	Link/ Activity
	Exchange Property	Backplane Bandwidth: 20Gbps Packet Forwarding Rate: 14.88Mbps	CERTIFICATION	PoE	PoE Status
				SYS	Device Status
INTERFACE	Wired	8 x RJ45 with PoE+	Emissions	EN 62368-1:2020+A11:2020	
	Optical	2 x SFP 1000 BASE-X		Radiated Immunity	EN 55032:2015+A1:2020
PoE	Standard	IEEE 802.3af / 802.3at	Harmonic Emissions	EN 55035:2017+A11:2020	
	Port	RJ45	Fluctuations and Flicker	EN 61000-3-2:2014	
Power Pin Assignment	4/5 (+) 7/8 (-)		Electro-Static Discharge	EN 61000-3-3:2013	
	PoE Budget	240W Max	Electromagnetic Field Immunity	EN 61000-4-2:2009	
ENVIRONMENTAL	Operating Temp	-40°C to +80°C	Electrical Fast Transients	EN 61000-4-3:2010	
	Storage Temp	-40°C to +85°C	Surge	EN 61000-4-4:2012	
	Relative Humidity	5% - 95% - non-condensing	Conducted Immunity	EN 61000-4-5:2014+A1:2017	
	MTBF	>200,000 hours	Power Frequency Magnetic Field	EN 61000-4-6:2014	
ELECTRICAL	Operating Voltage	+48~57VDC (Redundancy - Terminal Block)	RoHS	IEC 63000:2018	
	Power Consumption	5W without PoE - 245W with Max PoE	SOFTWARE	Redundancy Protocols	STP/RSTP
Short-Circuit Protection	Auto-Reset	Multicast Support			IGMP Snooping V1/V2/V3
Reverse Polarity	Protected		VLAN	IEEE 802.1Q 4K	
			QoS	1Q, ACL, DSCP, CVLAN, SVLAN	
			Diagnostic & Maintenance	DA, SA, Port Priority, Queue Weight	
			Management	Port Mirroring, Syslog, Ping	
			Security	Web GUI	
				Broadcast/Multicast Storm Protection	
				MAC Filtering, MAC Constraints	

Dimensions



Ordering Information

Model	Description	Part No
PDT-NSM-7208-MP-SF-I	8 Port 10/100/1000 BASE-TX PoE+ RJ45 +2 Port 100/1000 BASE-X SFP Managed SFF Industrial Switch, 48-57VDC	0010-00035

Specifications And Availability Are Subject To Change Without Notice. Trademarks Are The Property Of Their Respective Owners.
Copyright © 2024 Parallax Digital Technologies Ltd. All Rights Reserved.



Parallax Digital Technologies Ltd
Unit 19 Endeavour Park, Baker Road
Nelson Park West, Cramlington
Northumberland, NE23 1XA



+44 (0)1670 202001



sales@parallaxdigital.co.uk

www.parallaxdigital.co.uk