



- 16 x 10/100/1000 BASE-TX RJ45 Ports
- 24VDC Passive PoE (24W) per channel
- 2 x 100/1000 BASE-X SFP Slot with auto-detection
- AI Extend - 250m Transmission Range
- AI QoS - Prioritization of Video Data
- AI VLAN - Port Separation Functionality
- 4kV Surge Protection
- 19" Aluminium Rackmount Enclosure
- IP40 Aluminium Enclosure
- 0°C to +50°C Operating Temperature Range

Overview:

The PDT-NSU-7216-PA-SF-R is a next-generation Unmanaged Passive PoE Switch, with 16 x 10/100/1000 BASE-TX RJ45 Ports each capable of delivering 24W at 24VDC, and 2 x 100/1000 BASE-X-SFP Slots with Auto-Detection. Intelligent Design Functionality permits 250M transmission capability. AI QoS provides Video Data Prioritization, and VLAN/Port Isolation techniques help to minimize overall bandwidth consumption in the device. This device conforms to industrial requirements, having a small form-factor; no-fan construction; low power consumption; low maintenance; and high performance and reliability.

Applications

- CCTV Installations
- Access Control
- Remote Monitoring

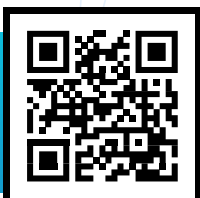
100-240VAC



Passive PoE Switch



Specifications And Availability Are Subject To Change Without Notice. Trademarks Are The Property Of Their Respective Owners.
Copyright © 2022 Parallax Digital Technologies Ltd. All Rights Reserved.

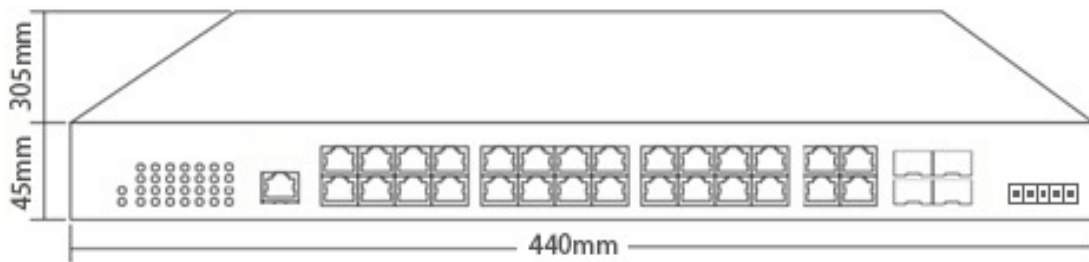


Specifications

ETHERNET	Standards	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3af Model B - Passive PoE IEEE 802.1Q VLAN Tagging	ELECTRICAL	Operating Voltage	100-240VAC
	Forwarding and Filtering Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)		Power Consumption	15W without PoE
	Packet Buffer	4Mbits		Short-Circuit Protection	Auto-Reset
	Packet Length	10KB	MECHANICAL	Dimensions	440mm x 395mm x 45mm
	MAC Address Table	8K		Weight	3.6kg
	Exchange Property	Backplane Bandwidth: 56Gbps Packet Forwarding Rate: 47.616Mbps		Casing	Aluminium
				Mounting	Rack Mount - 1U
			INDICATORS	PWR	Power
				L/A	Link/ Activity
				SPD	Data Transmission Speed
INTERFACE	Wired	16 x RJ45	CERTIFICATION	Electrical Safety	EN 62368-1:2020+A11:2020
	Optical	2 x SFP 1000 BASE-X or 100 BASE-FX		Emissions	EN 55032:2015+A1:2020
PoE	Standard Port	IEEE 802.3af Mode B RJ45		Radiated Immunity	EN 55035:2017+A11:2020
	Power Pin Assignment	4/5 (+) 7/8 (-)		Harmonic Emissions	EN 61000-3-2:2014
	PoE Output	+24VDC		Fluctuations and Flicker	EN 61000-3-3:2013
	PoE Budget	300W Max		Electro-Static Discharge	EN 61000-4-2:2009
				Electromagnetic Field Immunity	EN 61000-4-3:2010
				Electrical Fast Transients	EN 61000-4-4:2012
ENVIRONMENTAL	Operating Temp	0°C to +50°C		Surge	EN 61000-4-5:2014+A1:2017
	Storage Temp	-10°C to +70°C		Conducted Immunity	EN 61000-4-6:2014
	Relative Humidity	5% - 95% - non-condensing		RoHS	IEC 63000:2018
	MTBF	500,000 hours			

Dimensions

Dimensions



Ordering Information

Model	Description	Part No
PDT-NSU-7216-PA-SF-R	16 Port 10/100/1000 BASE-T Passive PoE + 2 Port 10/100/1000 BASE-X SFP Unmanaged Rackmount Industrial Switch, 100-240VAC	0010-00061

Specifications And Availability Are Subject To Change Without Notice. Trademarks Are The Property Of Their Respective Owners.
Copyright © 2022 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