

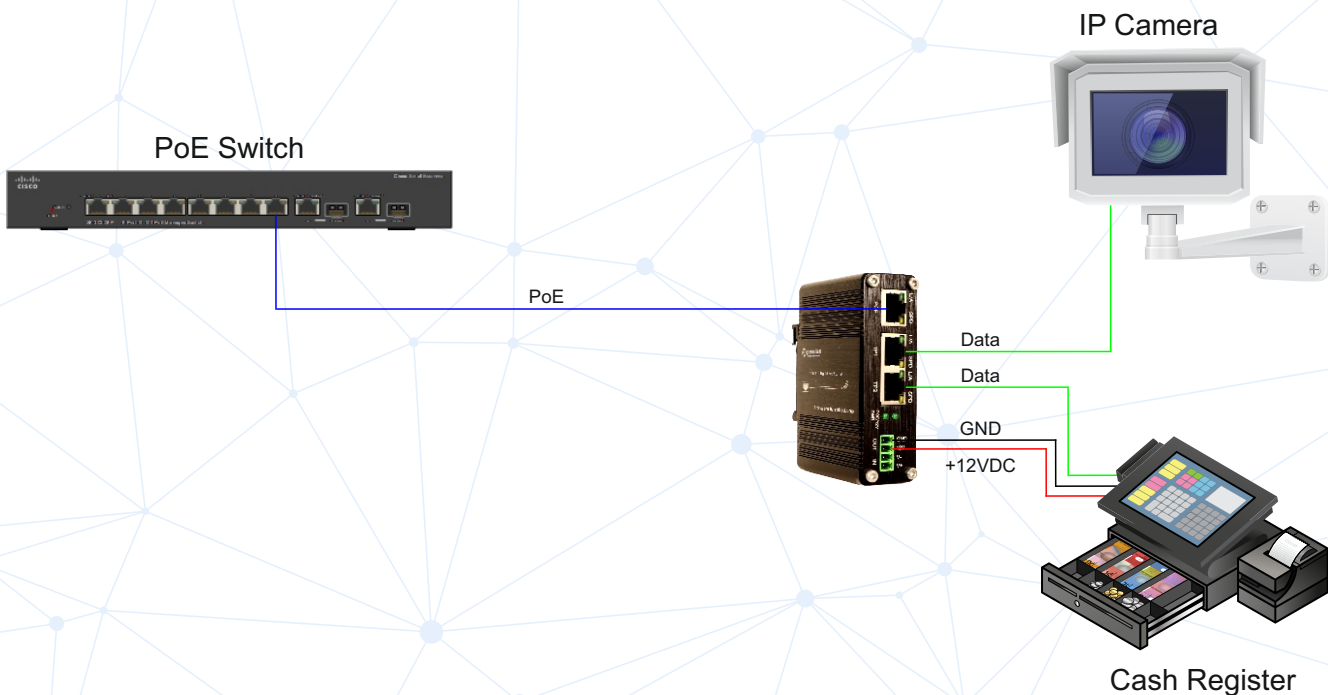


- 1 x PoE+ Data Input
- 2 x Data Output + 1 x 12VDC Output
- 20W DC Power Output Capability
- Supports 10/100/1000Base-Tx
- Supports IEEE802.3af/at PoE Standards
- IP40 Aluminium Enclosure
- PoE or External +12VDC Powered
- Short-Circuit Protection for Power Output
- -40°C to +80°C Operating Temperature Range

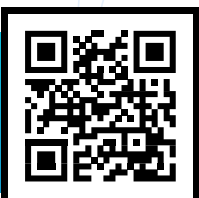
Overview:

The PDT-SPL-1202-1000-I is an Ultra-Small Form Factor Industrial PoE Splitter capable of delivering Gigabit Ethernet via RJ-45 Connections, and +12VDC Power via terminal block, to non-PoE compliant devices, saving the cost of providing on site electrical power to edge devices. The device is Plug and Play, and is completely unmanaged, therefore requiring no tools or software configuration for operation. With 2 x RJ45 data ports, the device also functions as an unmanaged network switch. The Dual power input (PoE/DC) allows for fault tolerance in network designs as the device will automatically revert to DC Input in the event of PoE Power Failure.

Applications



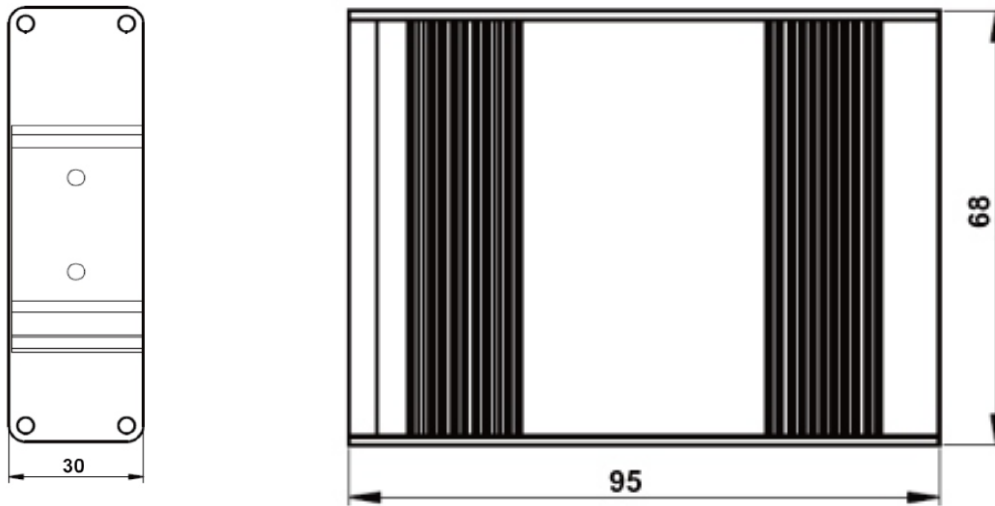
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Specifications

ETHERNET	Standards	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3az Efficient Energy Ethernet IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus	ELECTRICAL	Operating Voltage	+12VDC via PoE or Connector
	Forwarding and Filtering Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)		Power Consumption	25W Max
	Packet Buffer	1Mbits		Voltage Output	+12VDC (20W Max)
	Packet Length	10KB	MECHANICAL	Dimensions	95mm x 70mm x 29mm
	MAC Address Table	8K		Weight	0.25kg
	Switch Fabric	10Gbps/ non-blocking	Casing	Aluminium	
	Exchange Property	Backplane Bandwidth: 20Gbps Packet Forwarding Rate: 14.88Mbps	Mounting	DIN Rail & Wall Mount	
			INDICATORS	PWR POE/12V	Power PoE Power IN and +12VDC Power OUT
INTERFACE	Data	1 x RJ45 PoE Input 2 x RJ45 Data Output	CERTIFICATION	Electrical Safety	EN 62368-1:2020+A11:2020
	Power	DC In/Out - 5 Pin Terminal Block		Emissions	EN 55032:2015+A1:2020
				Radiated Immunity	EN 55035:2017+A11:2020
PoE	Standard	IEEE 802.3af / 802.3at		Harmonic Emissions	EN 61000-3-2:2014
	Port	RJ45		Fluctuations and Flicker	EN 61000-3-3:2013
	Powered Devices	1 Device - Fixed +12VDC		Electro-Static Discharge	EN 61000-4-2:2009
	Power Budget	Max 20W		Electromagnetic Field Immunity	EN 61000-4-3:2010
				Electrical Fast Transients	EN 61000-4-4:2012
ENVIRONMENTAL	Operating Temp	-40°C to +80°C		Surge	EN 61000-4-5:2014+A1:2017
	Storage Temp	-40°C to +85°C		Conducted Immunity	EN 61000-4-6:2014
	Relative Humidity	5% - 95% - non-condensing		Power Frequency Magnetic Field	EN 61000-4-8:2010
	MTBF	>200,000 hours		RoHS	IEC 63000:2018

Dimensions



All Dimensions in mm

Ordering Information

Model	Description	Part No
PDT-SPL-1202-1000-I	2 Port 10/100/1000 BASE -T PoE Splitter +12VDC 20W Industrial Unmanaged Switch Combo	0014-00004

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