PoE to 12V DC Converter w/ PoE Passthrough, 802.3af/at Gigabit PoE Power Splitter and Extender

Features

- Converts incoming POE to a 12V DC output and a POE output
- Accepts up to 30 watts of active POE Input
- Comply to IEEE802.3af/at standard
- Outputs a maximum of 15 watts of active POE output (802.3af standard)
- Also Outputs a maximum of 1.2 amps of 12V DC Output
- The POE output also functions as a network extender, extend cable runs by an additional 328 feet (100 meters)
- Plug & Play
- Ideal for scenarios where you need to power a POE camera along with any 12V DC device simultaneously

Overview

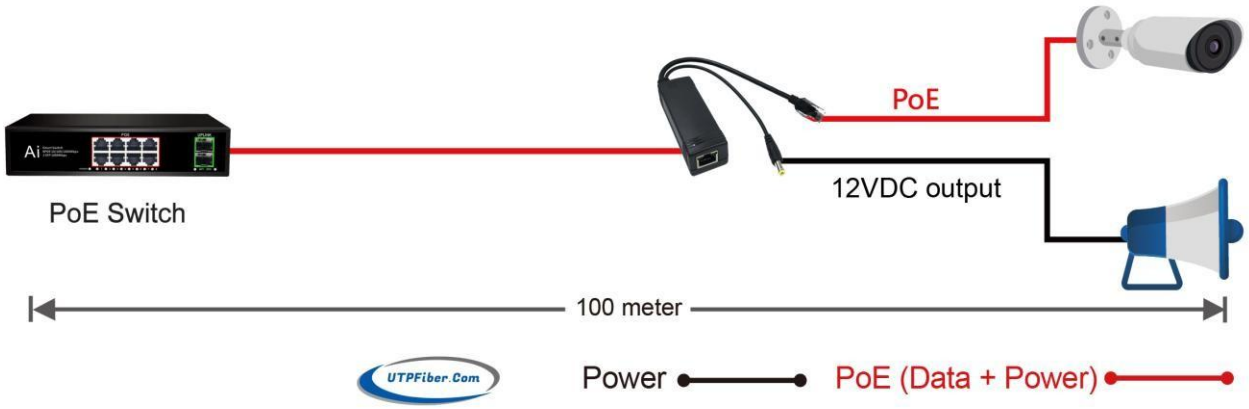
The PoE Splitter with PoE Passthrough function converts incoming POE to a 12V DC output and a POE output. Unlike traditional POE splitters that only convert POE to 12V DC and pass through network traffic, the POE splitter not only performs these functions but also passes through POE. This unique feature allows you to power both an IP camera and an additional 12V DC device while maintaining network connectivity with speeds up to 1 Gigabit Per Second (10/100/1000).

The unit accepts up to 30 watts of active POE Input (802.3at standard). Outputs a maximum of 15 watts of active POE output (802.3af standard). Also Outputs a maximum of 1.2 amps of 12V DC Output. The splitter consumes a maximum of 3 watts for self operation while passing through a maximum of 27 watts to be shared between the POE output and the 12V DC Output. The strength of your POE Injector/Switch and Cable Length Runs can cause these performance specifications to vary. DC Plug Size: 5.5 x 2.1mm.

The POE output also functions as a network extender, allowing you to extend cable runs by an additional 328 feet (100 meters) to another downstream POE device. Alternatively, it can be used to daisy-chain to another UTP POE Splitter, providing greater flexibility and reach for your security network.

The unit is ideal for scenarios where you need to power a POE camera along with any 12V DC device simultaneously. Examples of 12V DC devices include IR illuminators, standard white lights, horns, sirens, and strobes. These devices can be installed next to a POE-powered camera to enhance its functionality. Let your creativity flow and design a setup that meets your specific needs!

Application



Specifications

Hardware Specifications	
Interface	**PoE Input Port**
	1 10/100/1000 BASE-T RJ45
	Data Output Port
	1 10/100/1000 BASE-T RJ45
	DC Out Plug Connector
	1 DC Jack (5.5*2.1mm)
	DC output
	12VDC output
LED Indicators	PWR (Green)
	PoE (Green)
Data Rate	10/100/1000Mbps
Dimensions (L x W x H)	90 x 32 x 28 mm (Cable length: 200mm)
Weight	60g
Installation	Desktop
ESD Protection	18KV
EFT Protection	18KV
Enclosure	ABS Plastic
Power Requirements	IEEE 802.3at PoE+
	PoE DC 48 ~ 56V
Power Consumption	System on with PoE input
	<3 watts
	Full loading with maximum
	12VDC, 1.2A output
	30 watts
Power Output	802.3 at PoE+ input
	12VDC, 1.2A (max.)
Network Cable	802.3at 30W PoE+ input

	2-pair UTP Cat. 5, 5e, 6, up to 100m (328ft)
Power over Ethernet	
PoE Standard	IEEE 802.3at High Power over Ethernet
PoE Input	IEEE 802.3at 30W
Power Output	IEEE 802.3af 15W
PoE Power Supply Type	End-span
Power Pin Assignment	1/2 (+), 3/6 (-)
Standards Conformance	
Standards Compliance	IEEE 802.3 10BASE-T Ethernet
	IEEE 802.3u 100BASE-TX Fast Ethernet
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet
	IEEE 802.3at Power over Ethernet Plus
Regulatory Compliance	FCC Part 15 Class A, CE
Environment	
Operating Temperature	-20 ~ +80 degrees C
Storage Temperature	-40 ~ +85 degrees C
Humidity	5 ~ 95% (non-condensing)

Order Information

Model	Description
20122952	12VDC PoE Splitter w/ PoE Passthrough: 1x10/100/1000T 802.3at PoE input + 1x10/100/1000T 802.3af/at PoE output +1xDC output (12V)
Mounting Options	► Desktop

Dimension (Unit: cm)