

Features

- ▶ Splits power and data from PoE Input
- ▶ 1-port PoE Power+ Data input
- ▶ 2-port Data output (Switch function)
- ▶ 1 DC Out + 1 DC In (5-pin Terminal Block)
- ▶ Able to work with 12VDC input no PoE
- ▶ Support IEEE802.3af/at PoE
- ▶ Support 10/100/1000Base-TX
- ▶ Distance up to 100 meters
- ▶ Supports output power up to 20W
- ▶ 12VDC output voltage
- ▶ Short-circuit protection for power output
- ▶ IP40 rugged metal housing and fanless
- ▶ Support DIN-Rail & Wall-mount installation.
- ▶ Extensive LED indicators for PoE diagnostics
- ▶ Wide operating temperature -40 ~ 80°C



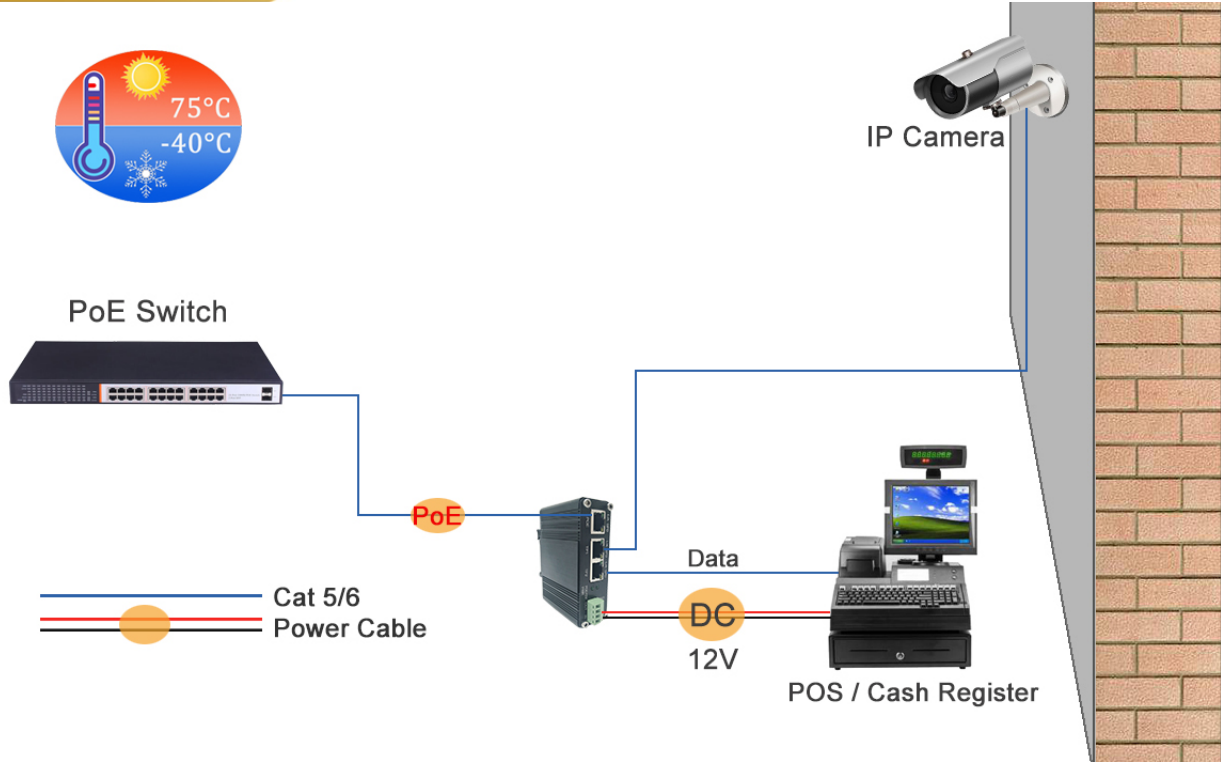
Overview

Industrial Grade, Gigabit Ethernet, PoE Splitter, designed to deliver data, via RJ-45 Ethernet connector, and electrical power, via screw terminal block, to non-PoE devices. This device saves the high cost of running separate electrical service to edge devices.

The 20111387 acts as PD equipment and can be powered by standard PoE IEEE802.3af/at PSE (Power Source Equipment) switches or work when paired with 20101865 PoE Injectors. The data transmission, up to Gigabit speeds, with power output voltages of 12VDC, run simultaneously up to the Ethernet limit of 100 meters. Simple settings of the 20111387, make it a plug and play device, requiring no tools or software configuration, and provides ease of use, with flexible installation and high reliability.

With 2-port RJ45 data output, 20111387 can be function as switch. With dual power input (PoE input + 12VDC input), the PoE splitter can work when there is no PoE input, that is to say, 20111387 can automatically recognize the power input (default in PoE input, switch to 12VDC input when PoE not work).

Application



Technical Indexes

Ethernet	
Standards:	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet
	IEEE802.3af Power over Ethernet
	IEEE802.3at Power over Ethernet
Processing Type:	Forward
	Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
Cabling:	1000Base-T: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Interface:	“PoE (Power + Data)” Input Port: 1 x RJ-45 10/100/1000Base-T
	“Data” Out Port: 2 x RJ-45 10/100/1000Base-T
	DC Out/In Plug Connector: 1 removable 5-Pin terminal block
Power over Ethernet	
PoE Standard:	IEEE 802.3af/at Power over Ethernet
Number of devices that can be powered:	1 (DC12V) (Vary on device’s power requirement; cannot be over 20 watts.)
Environmental	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)

Relative Humidity:	5% to 95% non-condensing
MTBF:	>200,000hrs
Electrical and Mechanical	
Power Output:	20W 12VDC (Terminal Block)
Power Consumption:	25W Max.
LED Indicators:	
PWR:	Power ON
POE/12V:	PSE Power IN, 12VDC Power OUT
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
Regulatory Approvals	
ISO9001	
FCC part 15, Class A	
EN55022:2006+A1: 2007 Class A	
Surge Protection:	
RJ45: 1KV	
Power: 500W	
ESD: 4KV/8KV	

Ordering Information

Model	Description
20111387	Industrial PoE splitter with 2-port Switch function: 1-port PoE+ In + 2-port Ethernet Data Out (switch function) , maximum output of 20 W at 12VDC, Support DIN-Rail mounting and Wall mounting installation, -40 to 80°C operating temperature
Mounting Options	▶ Default DIN-Rail Bracket installed; Wall Mount Bracket is included.
Power Options	▶ 20W 12VDC output with 2-pin open wire terminal block