

Cleerline Media Converter

1 x SFP to 2 x RJ45 Gb Ethernet Media Converter w/PoE+, External Power Supply



Easily convert between fiber and Ethernet with the SSF-SFP-RJ452POE-1G! The unit includes two RJ45 ports with one open SFP slot (SFPs sold separately). An external power supply with AC adapter is also included.

This Gigabit Ethernet 10/100/1000Base-T to 2x 100/1000Base-X non-managed stand-alone media converter provides PoE+ (30W PSE). The unit's DIP switches provide flexibility in configuration. The SSF-SFP-RJ452POE-1G's single SFP slot allows both Gigabit and Fast Ethernet operation. All SFP types are accepted, including multimode, single mode, CWDM, DWDM, or BiDi. BiDi allows bi-directional transmission over a single strand of fiber.

Fiber port speed, LFP function, or transparent or switching converter mode can be adjusted via DIP sw.

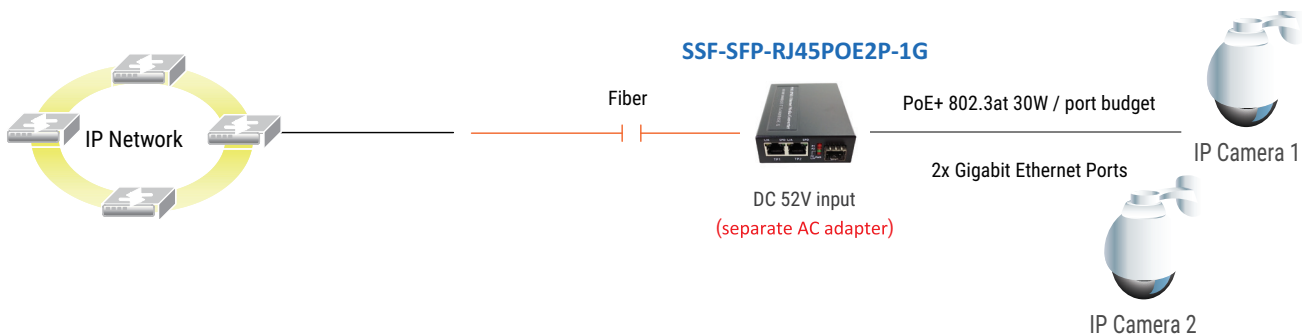
Power status, UTP and FX port speed and the link status of each port are indicated by LED lights.



FEATURES AND BENEFITS

- 2x10/100/1000Base-T to 100/1000Base-X SFP Converter
- DIP settings for fiber speed, LFP functions and PoE type
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Port isolation available for the two RJ45 ports
- Auto-Negotiation & Auto MDI/MDI-X
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru

APPLICATION EXAMPLE



PART NUMBER	DESCRIPTION
SSF-SFP-RJ452POE-1G	Gigabit 2x10/100/1000Base-T to 100/1000Base-X SFP slot, DIP sw with PoE+, external power supply

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SPECIFICATIONS

OPTICAL INTERFACE		STANDARDS AND POWER	
Connector	SFP slot	Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
Data Rate	1.25G (GE) or 155M (FE)	Indications	LED (Power, FX Link, SPD, TP Link)
Duplex Mode	Full duplex	Power Input	Separate AC Adapter 90-240VAC to DC52V @ 1.25A
Fiber	MM 50/125µm, 62.5/125µm SM 9/125µm	PoE Specs	52VDC voltage output, short and overload protection Pin polarity 1/2 (V+), 3/6 (V-); IEEE 802.3at
Distance	Depending on SFP used	Power Consumption	< 5W with no PSE, 60W at max load PoE+ (802.3at)
Wavelength	Depending on SFP used MM 1310nm, SM 1310, 1550nm WDM 1310Tx/1550Rx (Type A) WDM 1550Tx/1310Rx (Type B)	Certification	CE, FCC
		MTBF	65,000 hrs

ELECTRICAL INTERFACE		OPERATION & DETAILS	
Connector	RJ45	Operating Temperature	0 ~ 50°C
Data Rate	10Mbps, 100Mbps, 1000Mbps	Operating Humidity	10 ~ 90% non-condensing
Duplex mode	Full duplex	Storage Temperature	-20 ~ 85°C
Cable	100Base-TX Cat .5, 5e or higher 1000Base-T Cat.5, 5e or higher	Dimensions	94 x 71 x 26 mm w/o AC adapter (no SFP transceiver) 120 x 55 x 34 mm for standalone AC adapter only
		Weight	Adapter : 205g Converter : 200g