

The SSF-SFP-RJ452POE-1G is a Gigabit Ethernet 10/100/1000Base-T to 2x 100/1000Base-X non-managed stand-alone media converter providing PoE+ (30W PSE). The unit's DIP switches provide flexibility in configuration. The 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.

DIP sw allow setting of fiber port speed, LFP function, transparent or switching converter mode can be adjusted.

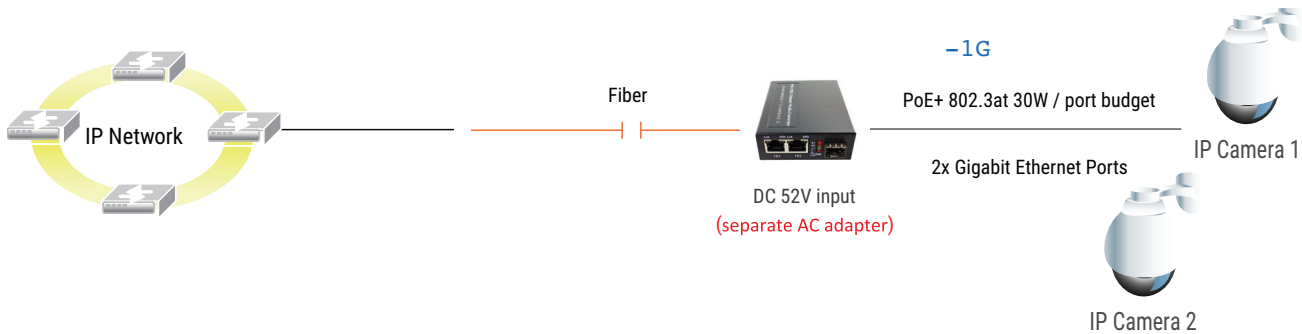
LED indicators signal the power status, UTP and FX port speed and link status of each port.



## 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	1 x SFP to 2 x RJ45 Gb Ethernet Fiber Optic Media Extender with POE+

## SPECIFICATIONS

OPTICAL INTERFACE	
Connector	SFP slot
Data Rate	1.25G (GE) or 155M (FE)
Duplex Mode	Full duplex
Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm
Distance	Depending on SFP used
Wavelength	Depending on SFP used MM 850nm, 1300nm, SM 1310nm, 1550nm WDM 1310Tx/1550Rx (Type A) WDM 1550Tx/1310Rx (Type B)

STANDARDS AND POWER	
Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
Indications	LED (Power, FX Link, SPD, TP Link)
Power Input	Separate AC Adapter 90-240VAC to DC52V @ 1.25A
PoE Specs	52VDC voltage output, short and overload protection Pin polarity 1/2 (V+), 3/6 (V-); IEEE 802.3at
Power Consumption	< 5W with no PSE, 60W at max load PoE+ (802.3at)
Certification	CE, FCC
MTBF	65,000 hrs

ELECTRICAL INTERFACE	
Connector	RJ45
Data Rate	10Mbps, 100Mbps, 1000Mbps
Duplex mode	Full duplex
Cable	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher

OPERATION & DETAILS	
Operating Temperature	0 ~ 50°C
Operating Humidity	10 ~ 90% non-condensing
Storage Temperature	-20 ~ 85°C
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 : 205g