



FR-2E11GP

POE (PSE) 1000Base-X Ethernet Media Converter

Product Introduction

The POE (PSE) 10/100/1000Base-T to 1000Base-X ethernet media converter allows two types of network segment to be connected easily and supplies power to the remote PD (powered device) equipment at the same time. Complied with IEEE802.3at or IEEE802.3af standard, the external powered POE media converter is a Power Sourcing Equipment (PSE) which combines data transferred over a fiber optic link with 48V (or other voltage) typical power supply, providing power to IEEE802.3at or IEEE802.3af powered device (PD) over CAT5/CAT5e UTP cable (cable length up to 100meters / 330feets). Each converter is combined with one fiber port and two or one RJ45 ports. Each RJ45 port can output up to 60 watts power (for reference only, 4 pair wires are used).



Product Features

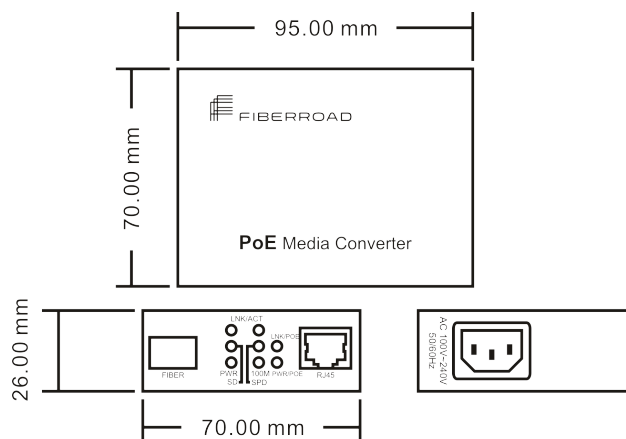
- 10/100/1000Base-T UTP to 1000Base-X fiber media conversion
- IEEE802.3at / IEEE802.3af POE PSE compatible
- Choice of SC, FC, LC, BiDi or other connectors for multimode and singlemode optical fiber
- Choice of two or one 10Base-T / 100Base-TX / 1000Base-T RJ45 ports, output power up to 60 watts per port (for reference only, 4 pair wires are used)
- Two RJ45 ports are isolated from each other in default configuration (be suitable for two RJ45 ports version)
- Supports auto MDI-MDIX function
- Supports various type of external DC power supply or rechargeable battery set

Environmental Requirement	Operating Temperature: 0°C~50°C Storage Temperature: -10°C~70°C Relative Humidity: 5%~95% (non-condensation) MTBF: 65,000 h Enclosure: Metal
Mechanical Structure	Dimensions: 95mm(D)×70mm(W)×26mm(H) Weight: 250g
Warranty	1 Year
Emissions	FCC Class A, CE Class A

Product Specification

Part Number	FR-2E11GP
Port Information	10/100/1000Base-T 1000Base-X
Transmission Distance	Twisted-pa: 100M (standard CAT5/CAT5e cable) SFP, Distance depend on plug-in Fiber Transceiver Fiber: MM 500m/2km, SM 20/40/60/80/120km
Forwarding Mode	Store-and-forward
Forwarding Frame Length	2046Bytes
LFP mode	Support
PoE Output	IEEE 802.3af Power over Ethernet standard IEEE 802.3at Power over Ethernet enhancements standard
Power Output	PoE 52V DC, max. 30 wattse
PoE Power Supply Type	Mid-Span
Power Pin Assignment	4/5(+), 7/8(-)
PoE Power Budget	30 watts
Power Requirement	Operating Voltage: AC 100~240V Rated Current: 0.45/0.2A Power Consumption: Full-load<60W

Structure Size



Order Information

Model Number	Port Description
FR-2E11GP	1x1000Base-X Fiber port 1x10/100/1000Base-T Self-adaption RJ45 port, POE
FR-2E12GP	1x1000Base-X Fiber port 2x10/100/1000Base-T Self-adaption RJ45 port, POE