

# POE Media Converter

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## Variants

1G-2SC-1RJ45 1G-1SFP-2RJ45 1G-2SC-8RJ45 1G-8SC-2RJ45 1G-2SFP-4RJ45  
1G-2SC-4RJ45

## Details

The **Fiber PoE Media Converter** is a reliable Gigabit Ethernet solution designed to extend network connectivity over optical fiber while simultaneously supplying Power over Ethernet (PoE) to IP cameras, wireless access points, VoIP phones, and other PoE-enabled devices.

Ideal for **CCTV surveillance systems, FTTH deployments, enterprise networks, hotels, schools, industrial networking, and home applications**, these converters provide stable long-distance fiber transmission with high-speed Gigabit performance and IEEE 802.3af/at PoE support.

Ethernet Speed

**1Gbps**

PoE Standard

**802.3af/at**

Fiber Speed

**1000Mbps**

Installation

**Plug & Play**

## Available Variants

Model	Fiber Ports	RJ45 Ports	Application
1G-2SC-1RJ45	2 x SC	1 x Gigabit RJ45	Home / FTTH / Small Office
1G-1SFP-2RJ45	1 x SFP	2 x Gigabit RJ45	Enterprise / Fiber Distribution
1G-2SC-4RJ45	2 x SC	4 x Gigabit PoE RJ45	CCTV / IP Cameras
1G-2SFP-4RJ45	2 x SFP	4 x Gigabit PoE RJ45	Enterprise / ISP
1G-2SC-8RJ45	2 x SC	8 x Gigabit PoE RJ45	Large CCTV Projects

## Key Features

? Gigabit Fiber PoE Media Converter

? IEEE 802.3af / 802.3at PoE Support

? Up to 30W PoE Per Port

? Fiber Transmission up to 80km (Module Dependent)

? Plug & Play Installation

? Auto MDI / MDIX & Auto Negotiation

? IEEE 802.3az Energy Saving

? Metal Industrial Housing

## Technical Specifications

Category	Specification
<b>Product Type</b>	Unmanaged Gigabit Fiber PoE Media Converter
<b>Network Speed</b>	10/100/1000 Mbps
<b>Fiber Speed</b>	1000 Mbps
<b>PoE Standard</b>	IEEE 802.3af / IEEE 802.3at
<b>PoE Output</b>	Up to 30W Per Port
<b>Total PoE Budget</b>	56W (Maximum 72W)
<b>Transmission Mode</b>	Store & Forward
<b>Backplane Bandwidth</b>	12 Gbps
<b>MAC Address Table</b>	1K Auto Learning
<b>Power Input</b>	DC 12V–52V
<b>Housing</b>	Metal
<b>Installation</b>	Desktop / Plug & Play

Category	Specification
<b>Operating Temperature</b>	0°C to +40°C
<b>Certification</b>	CE, FCC

## Applications

IP CCTV Surveillance Systems

Home Fiber Networks

Office Networks

FTTH Deployments

ISP Fiber Networks

Industrial Ethernet Networks

### Note:

Choose the appropriate variant according to your project requirements. Models are available with **SC Fiber Ports** or **SFP Slots**, making them suitable for CCTV, enterprise networking, FTTH, ISP backbone, and home fiber applications.