POE Media Converter

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Variants

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

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 × SC	1 × Gigabit RJ45	Home / FTTH / Small Office
1G-1SFP-2RJ45	1 × SFP	2 × Gigabit RJ45	Enterprise / Fiber Distribution
1G-2SC-4RJ45	2 × SC	4 × Gigabit PoE RJ45	CCTV / IP Cameras
1G-2SFP-4RJ45	2 × SFP	4 × Gigabit PoE RJ45	Enterprise / ISP
1G-2SC-8RJ45	2 × SC	8 × 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
Product Type	Unmanaged Gigabit Fiber PoE Media Converter
Network Speed	10/100/1000 Mbps
Fiber Speed	1000 Mbps
PoE Standard	IEEE 802.3af / IEEE 802.3at
PoE Output	Up to 30W Per Port
Total PoE Budget	56W (Maximum 72W)
Transmission Mode	Store & Forward
Backplane Bandwidth	12 Gbps
MAC Address Table	1K Auto Learning
Power Input	DC 12V–52V
Housing	Metal
Installation	Desktop / Plug & Play

Category	Specification
Operating Temperature	0°C to +40°C
Certification	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.

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