



LMC3001S Singlemode Gigabit PoE Media Converter

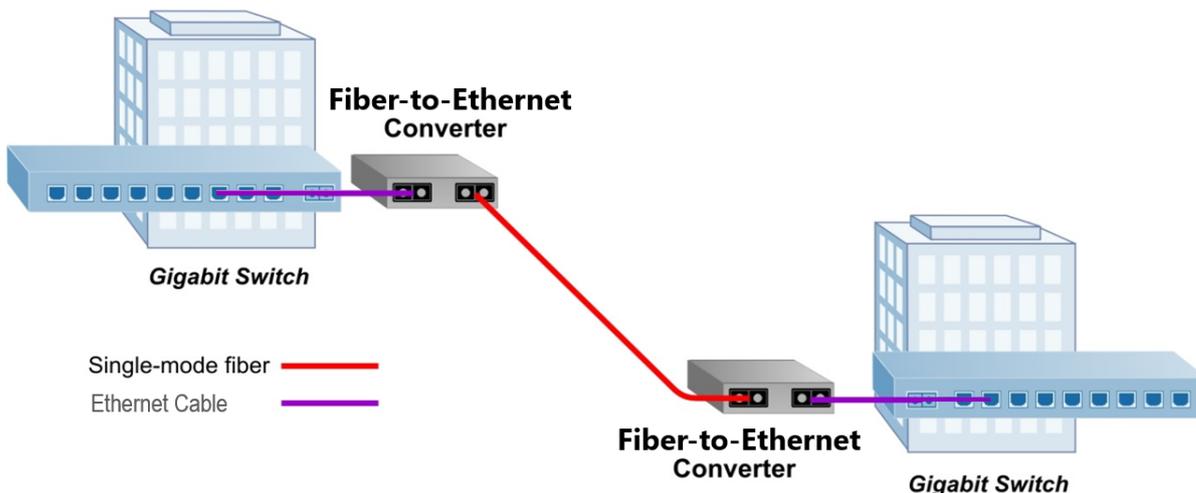
LinkPower™ LMC3001S Singlemode Dual Fiber Gigabit PoE Media Converter - SC Fiber Port

Inscape Data's LinkPower™ LMC3001S is an unmanaged Single Mode PoE (Power over Ether) Media converter. It has a 10/100/1000M RJ45 port and a 1000M uplink SC slot port. The Ethernet port supports IEEE 802.3af/at PoE standard up to 30W. As a PoE power supply device, it can automatically detect and recognize the power-receiving equipment that meets the standard and supply power through the network cable. It can automatically detect and identify the electrical equipment that meets the standard and transmits DC power to it through the network cable, devices including wireless AP, IP security camera, IP telephone and other PoE terminal equipment, etc.

Applications

- Smart City
- IP Video Surveillance
- Campus Network
- Wireless Mesh Network
- Border Security Surveillance
- Municipal Network
- Energy & Refineries
- Hospitality Network
- Hotel Resort Network
- Hotspot Integration
- VOIP Service
- Traffic Monitoring

System Configurations



Key Features & Benefits

Gigabit fast Ethernet access, Uplink SC port

- 1*10/100/1000Base-T RJ45 port and fiber optical SC port for long-distance transmission facilitate flexible networking and meet network requirements for various scenarios.
- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on back pressure.

Intelligent PoE power supply

- 1*10/100/1000Base-T RJ45 port can support POE power supply to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- IEEE 802.3af/at PoE standard, without damaging non-PoE devices.

Stable & Reliable

- Low power consumption, fan-less mute design, galvanized steel casing.
- The user-friendly panel can show the device status through the PWR, SYS, Link, and PoE LED indicators.
- Plug and play, no configuration, simple and convenient.
- CCC, CE, FCC, RoHS.

¹Voltage Status can be 12V DC, 24V DC, 48V DC, or 802.3af depending on the models.

Technical Specifications

Model Name	LMC3001S, Singlemode Gigabit PoE media converter
Port Interface	1*10/100/1000Base-T PoE port (Data /Power) 1*1000Base-X uplink SC port (Data)
PoE, Optical Fiber Port	Port 1 IEEE 802.3af/at PoE, Port 2 SC fiber port
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X, IEEE802.3x
Fiber Optical Transmission Distance	20 KM, Dual fiber SC, Single Mode WDM Wavelength 1310nm
Ethernet Port Feature	10/100/1000BaseT(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Forwarding Mode	Store and Forward (Full wire speed)
Switching Capacity	2Gbps (Non-blocking)
	2.98Mpps
MAC	1K
Buffer Memory	1M
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)
Max / Average Power Per Port	30W/30W
Total PWR / Input Voltage	36W (52VDC)
Power Consumption	Standby:<4W; Full Load:<32W
LED indicator	Power: PWR (green), network: Link (yellow); POE: PoE(green); fiber port: F (green)
Power Supply	External power adapter, AC100~240V 50-60Hz 1A
Storage TEMP / Humidity	-20~+55°C; 5%~90% RH Non-condensing -40~+75°C; 5%~95% RH Non-condensing
Dimension	113*104*27mm
Net /Gross Weight	<0.4kg /<0.8kg
Installation	Desktop, wall-mounted
Port lightning protection / protection level	Port lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
Warranty	3 Years

PACKAGE CONTENTS

- LMC3001S (1)
- DC Power Adapter (1)
- User Guide (1)
- 3-Year Warranty Sheet (1)

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Revision 1.0

Total PoE Solutions for Wired, IP Video, & Smart City Applications

