

SFP Ethernet Fiber Media Converter EM-0101-TG

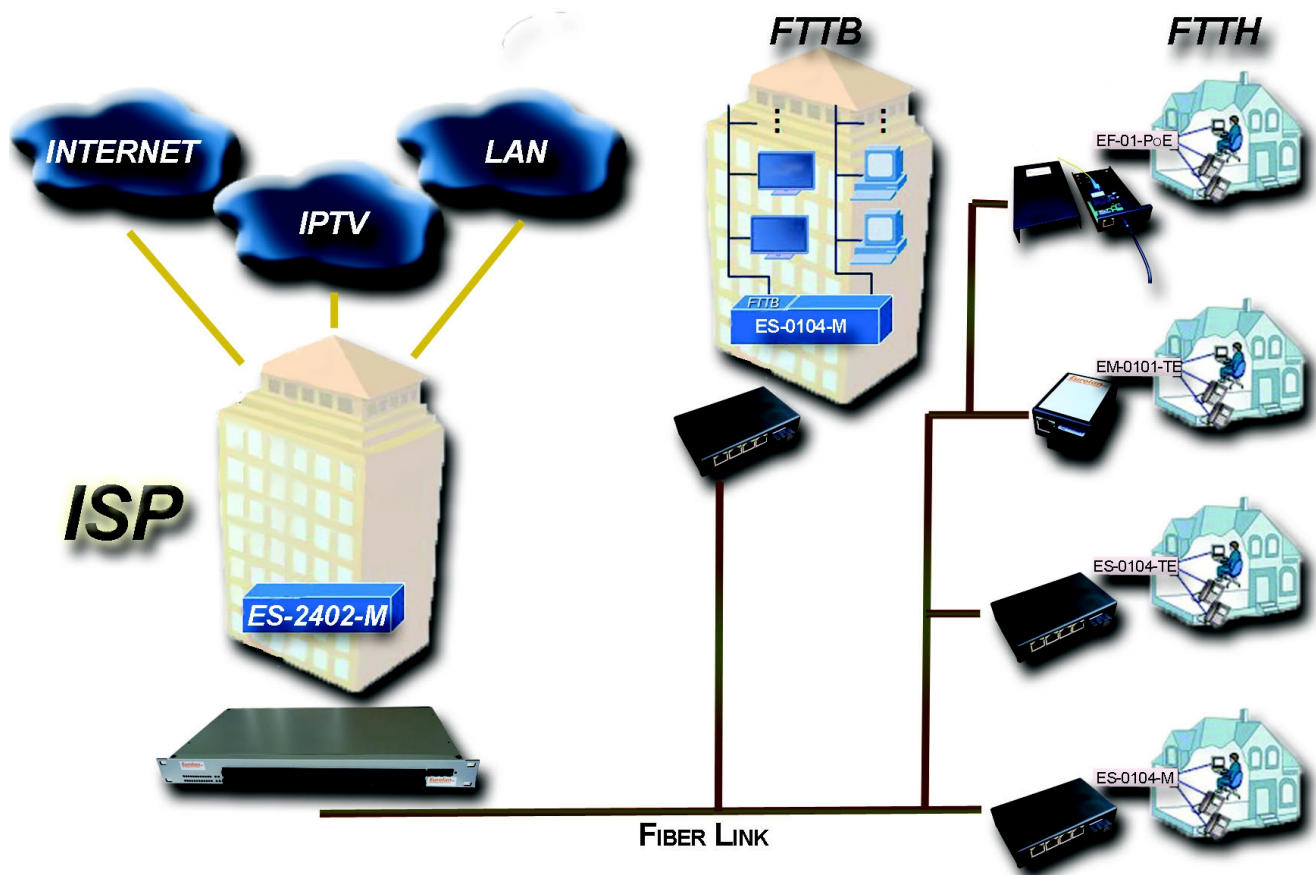


EM-0101-TG- 10/100/1000Base -TX/FX Media Converter complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, and IEEE 802.3x standards. EM-0101-TG enables network managers to connect 10/100/1000 Mbps twisted pair network segments and active equipment to fiber optic cabling more cost-effectively than ever. SFP port allows different distance and fiber type coverage. Both a media and data rate converter, EM-0101-TG features 10/100/1000 auto-negotiation on the twisted pair port while the fiber port operates at 1,25 Gbps. EM-0101-TG media converters are ideal for any premises FTTx, LAN-to-LAN or LAN-to-WAN fiber networking applications. It has the ability of being powered with wider range of 5 to 18VDC. It comes in a standard sized metal case.

1. TECHNICAL SPECIFICATION

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseSX/LX/EX/ZX IEEE 802.3x Flow Control
Interface	1 * 10/100/1000Mbps RJ-45 port 1* Mini-GBIC / SFP port
MAC Address	Supports 4K bytes MAC address entries in whole system
Buffer Memory	1024K bits buffer memory
Jumbo Frame	9k Jumbo Frame Support
Data Transfer Rate	Network speed: 10/100/1000Mbps 10Mbps: Full/Half duplex 100Mbps: Full/Half duplex 1000Mbps: Full duplex
LED Indicators	Per Port: Link/Act, 1000M Per Unit: Power
Power Consumption	2 Watts (Max)
Power Supply	External power adapter DC 5V to 24V 1A
Environment	Operating Temperature: 0°C~45°C Operating Humidity : 10%~90% (Non-Condensing)
Dimensions	71*94*26mm

3. APPLICATION



4. ORDERING INFORMATION

1. EM-0101-TG

Rev. 1.0
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