Ethernet Media Converters MC101-SFP

◆ 10/100M Ethernet SFP Media Converter

➤ Features

- Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX
- MDI/MDI-X auto negotiation, 10M/100M auto negotiation
- Supports full /half duplex, Point-to-point transparent transfer
- With one SFP slot
- Plug-and-play, easy to installation
- High-performance 155Mbps bandwidth
- Complies with FCC, 15 CLASS A ,RoHs and CE MARK
- Can insert to 2U 19", 14 slots Rackmount(power external)

➤ Introduction

The high performance Fiber Link Ethernet Extenders provide up to 120KM of Ethernet extension over single-mode fiber. The MC101-SFP is ideal for campus networks, connecting remote LANs, and facilitating the optical last-mile connection to the metropolitan-area network (MAN) and beyond.
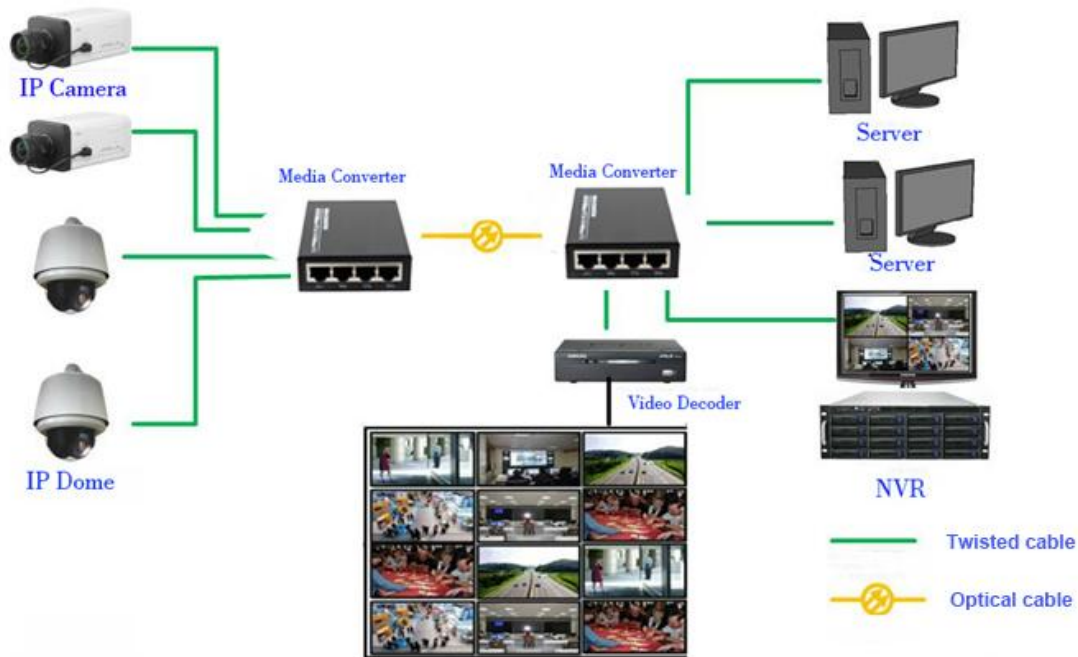
It provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX Ethernet extensions and added benefit of 10/100M auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T networks. Ethernet Fiber converters are ultra-miniature in size and feature a shielded RJ45 Ethernet jack, SFP style fiber-optic connections. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required!

➤ Specification

Interface	
Standards	comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX
RJ45 port rate	10/100Mbps auto negotiation
Optic port rate	100Mbps
Working	Asynchronous, point to point
Transfer distance	
RJ45port	100m
Fiber optic	20,40,60,80,100,120km(SM), 2 km(MM) optional
RJ45 port cable	UTP 5E
Fiber connector	LC
Fiber optic cable	Single Mode:8.3/125,8.7/125,9/125 or 10/125 um, Muti-Mode:50/125,62.5/125 um
Wavelength	850nm,1310nm,1550nm
Power	
Power supply	External 5VDC input
Consumption	4W
Operating temperature	-25 ℃ to 50 ℃

Storage temperature	-35 ℃ to 75 ℃
Operating humidity	5% to 95%(no condensation)
Dimensions	110×70×25mm(Power External)
Shell	Iron
Color	Black
Weight	180g(power external)
Warranty	3years
Approvals	FCC,CE, RoHS approvals

➢ Application

➢ Ordering Information

Model NO.	Description
MC101-SFP -M-2	multi-mode, 2Km, 5VDC
MC101-SFP -S-20	single-mode, 20Km,5VDC
MC101-SFP -S-40	single-mode, 40Km, 5VDC
MC101-SFP -S-60	single-mode, 60Km, 5VDC
MC101-SFP -S-80	single-mode, 80Km, 5VDC
MC101-SFP -S-100	single-mode, 100Km,5VDC
MC101-SFP -S-120	single-mode, 120Km, 5VDC
MC101-SFP -SS-20	single-mode, single fiber, 20Km, 5VDC
MC101-SFP -SS-40	single-mode, single fiber, 40Km, 5VDC
MC101-SFP -SS-60	single-mode, single fiber, 60Km, 5VDC
MC101-SFP -SS-80	single-mode, single fiber, 80Km, 5VDC

➢ Packing List

- MC101-SFP series Ethernet Media Converter×1
- 5VDC power adapter ×1(Media converter/5VDC, power external)
- User manual ×1