



◆ 10/100M Ethernet 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
- Power External 5VDC input
- 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

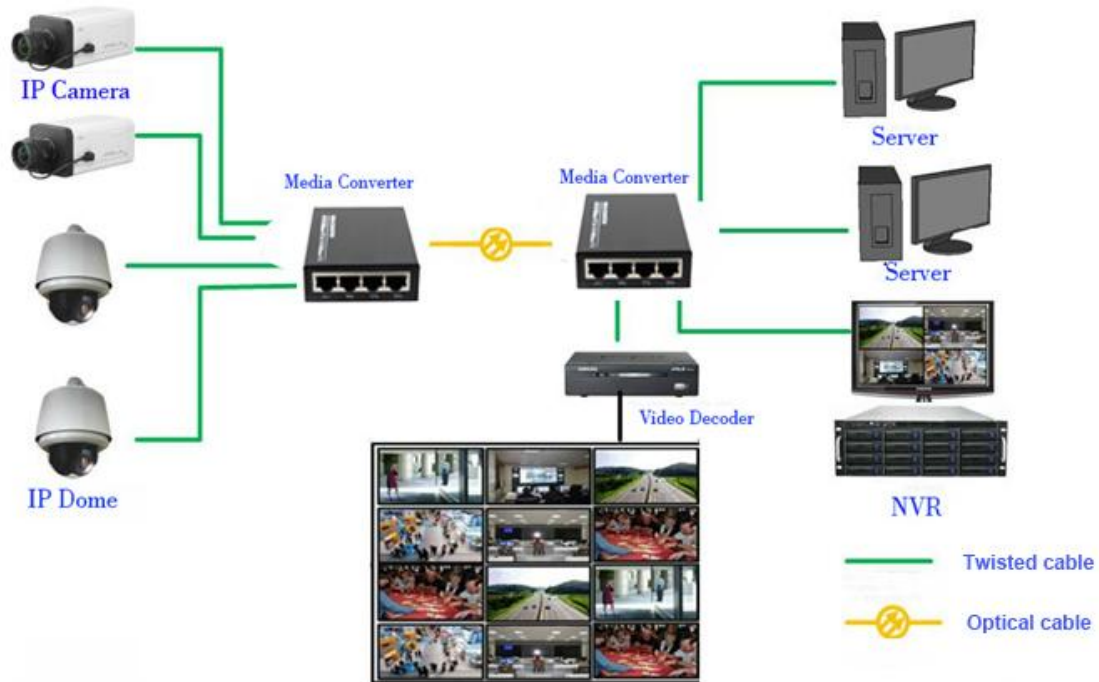
MC101, 10/100M Media Converter, provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX Ethernet extensions and added benefit of 10/100 auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T networks. MC101 Ethernet Fiber converters are ultra-miniature in size and feature a shielded RJ45 Ethernet jack, SC/ST/FC 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	SC, ST, FC optional
Fiber optic cables	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
Environment	
Operating temperature	-25 ℃ to50 ℃
Storage temperature	-35 ℃ to 70 ℃

Operating humidity	5% to 95%(no condensation)
Appearance	
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-M-2	multi-mode, 2Km, 5VDC, SC, FC or ST, optional
MC101-S-20	single-mode, 20Km,5VDC, SC, FC or ST, optional
MC101-S-40	single-mode, 40Km, 5VDC, SC, FC or ST, optional
MC101-S-60	single-mode, 60Km, 5VDC, SC, FC or ST, optional
MC101-S-80	single-mode, 80Km, 5VDC, SC, FC or ST, optional
MC101-S-100	single-mode, 100Km,5VDC, SC, FC or ST, optional
MC101-S-120	single-mode, 120Km, 5VDC, SC, FC or ST, optional
MC101-SS-20	single-mode, single fiber, 20Km, 5VDC, SC, FC or ST, optional
MC101-SS-40	single-mode, single fiber, 40Km, 5VDC, SC, FC or ST, optional
MC101-SS-60	single-mode, single fiber, 60Km, 5VDC, SC, FC or ST, optional
MC101-SS-80	single-mode, single fiber, 80Km, 5VDC, SC, FC or ST, optional

➤ Packing List

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