



### ◆ 10/100/1000M Ethernet SFP Media Converter

#### ➤ Features

- Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-SX/LX
- MDI/MDI-X auto negotiation, 10M/100M/1000M auto negotiation
- Supports full /half duplex, Point-to-point transparent transfer
- With one SFP slot
- Plug-and-play, easy to installation
- High-performance 1.25Gbps bandwidth
- Complies with FCC, 15 CLASS A ,RoHs and CE MARK
- Can insert to 2U 19", 14 slots Rackmount(power external)



#### ➤ Introduction

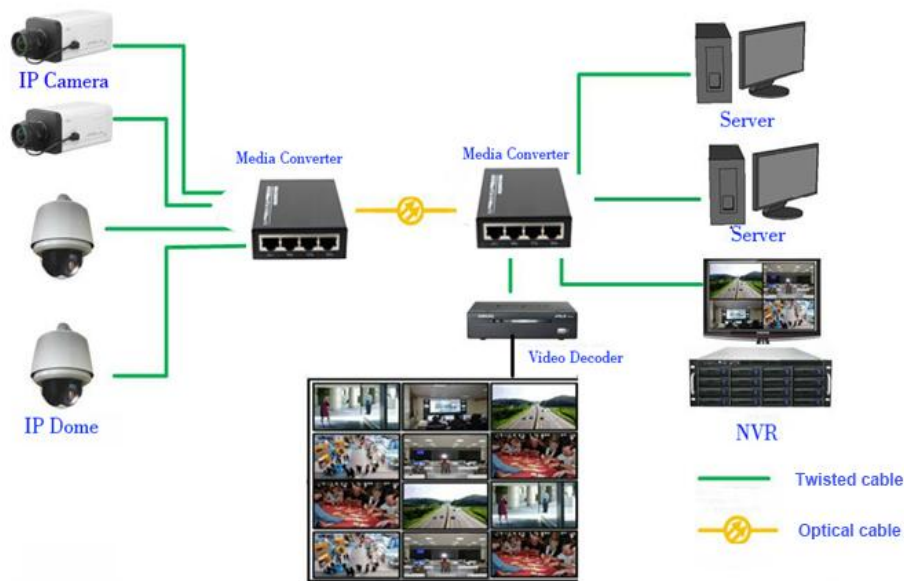
MC201-SFP, 10/100/1000Mbps adaptive Gigabit Ethernet fiber converter uses the switching technology to conduct media conversion, which meets the standards of IEEE802.3, IEEE802.3u, IEEE802.3z and IEEE802.3ab. This kind of media converter supports two types of media network connections: 10Base-T/100Base-TX/1000Base-T and 1000Base-SX/LX.,MC201-SFP can conduct mutual conversion between 10Base-T/100Base-TX/1000Base-T twisted pair electrical signals and 1000Base-SX/LX optical signals. This media converter extends the transmission distance of a network from 100m over copper wires to 120 Km. This media converter supports transmission in dual-fiber multi-mode, dual-fiber single-mode, SFP style fiber-optic connections.

#### ➤ Specification

Interface	
Standards	comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX,IEEE802.3z 1000Base-SX/LX standards
RJ45 port rate	10/100/1000Mbps auto negotiation
Optic port rate	1000Mbps
Transfer distance	RJ45port: 100m,Fiber optic:20,40,60,80,100,120km(SM), 550m(MM) optional
RJ45port	100m
RJ45 port cable	UTP 5E
Fiber connector	LC
Fiber optic cables	Single Mode:8.3/125,8.7/125,9/125 or 10/125 um, Muti-Mode: 62.5/125, 50/125 um
Wavelength	850nm,1310nm,1550nm
Power	
Power supply	External(5VDC), optional
Consumption	4W

Environment	
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	3 years
Approvals	FCC,CE, RoHS approvals

## ➤ Application



## ➤ Ordering Information

Model NO.	Description
MC201-SFP-M-2	multi-mode, 2Km, 5VDC
MC201-SFP-S-20	single-mode, 20Km,5VDC
MC201-SFP-S-40	single-mode, 40Km, 5VDC
MC201-SFP-S-60	single-mode, 60Km, 5VDC
MC201-SFP-S-80	single-mode, 80Km, 5VDC
MC201-SFP-S-100	single-mode, 100Km,5VDC
MC201-SFP-S-120	single-mode, 120Km, 5VDC
MC201-SFP-SS-20	single-mode, single fiber, 20Km, 5VDC
MC201-SFP-SS-40	single-mode, single fiber, 40Km, 5VDC
MC201-SFP-SS-60	single-mode, single fiber, 60Km, 5VDC
MC201-SFP-SS-80	single-mode, single fiber, 80Km, 5VDC

## ➤ Packing List

- MC201-SFP series Ethernet Media Converter×1
- 5VDC power adapter ×1(Media converter/5VDC, power external)
- User manual ×1