

# Gigabit Media Converter

Model: MC201

## Product Introduction

The MC201 is a 10/100/1000Mbps adaptive gigabit Ethernet Fiber Media Converter. It has one 10/100/1000Mbps Ethernet port and one 1.25Gbps fiber port. It extends the transmission distance from 100m to 120 km via copper cables. There are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.


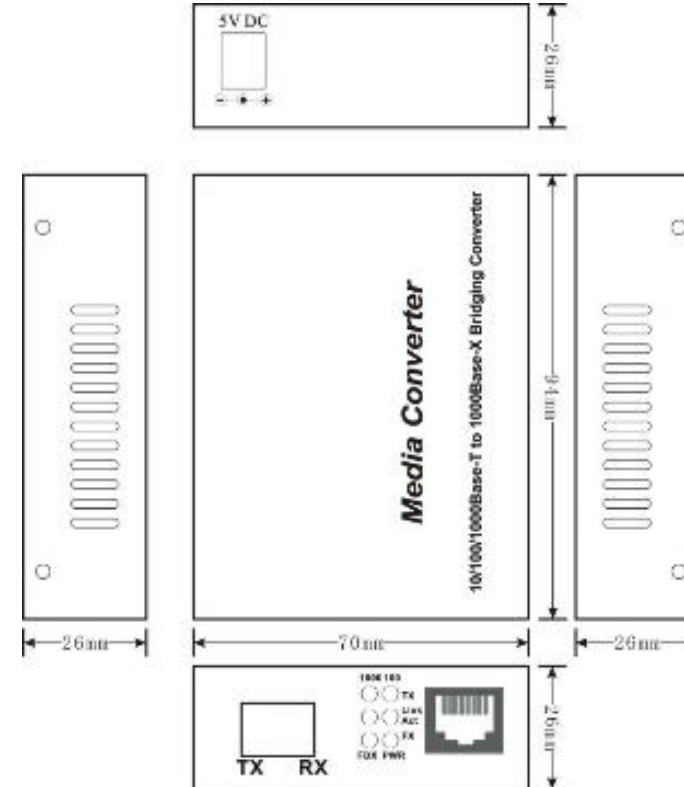


**Features:**

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- ❖ Support the switch between 10/100/1000Base-T and 1000Base-SX/LX
- ❖ 1\*1.25Gbps full duplex fiber port, 1\*10/100/1000M adaptive Ethernet port
- ❖ Support 10/100/1000M rate, support MDI/MDI-X adaptive, support full/half duplex adaptive
- ❖ Each port has the complete LED Indicator light
- ❖ Support IEEE802.1d Spanning Tree
- ❖ Support high performance QoS function on each port
- ❖ SFP slot
- ❖ Support 9K bytes Jumbo Packet
- ❖ Low time delay, data isolation function
- ❖ Require no configuration and will instantly operate as soon as you power it up
- ❖ Small volume
- ❖ Low power consumption chip with heat sink built in to ensure longtime efficient operation

Specification:		
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1p QoS IEEE802.1d Spanning Tree IEEE802.1q VLAN
Certifications	CCC, CE, FCC, RoHS	
Ethernet Port	★Connector: RJ45 ★Data Rate: 10/100/1000M ★Distance: 100m ★UTP Type: UTP-5E or higher level	
Fiber Port	★Connector: SFP slot ★Data Rate: 1.25Gbps ★Distance: 550m ~ 100km	
Performance	★Processing Type: Store and Forward ★ MAC Table Size: 2K ★ Buffer Space: 1Mbit ★ Maximum packet length: 9K ★ Back bandwidth: 4G ★ Time Delay: < 20μs	
Power	★ Power type: external power supply ★ Input Voltage: AC100V ~ 240V 50/60Hz ★ Connector: DC Socket ★ Working Voltage: 5V ★ Power Consumption: 0.75W ~ 3W	
Environment	★ Storage Temperature: -40 ~ 70°C ★ Operating Temperature: -10 ~ 55°C ★ Relative Humidity: 5-95% ( no condensation)	
Warranty	1 year	
Physical Characteristics	★ Dimension: 94×70×26mm(external), 140×110×29mm(internal) ★ Weight: 0.35kg(internal), 0.35kg(external) ★ Color: Metal, Black	

<p>Application</p>	 <p>The diagram illustrates the application of the media converter. On the left, a converter is connected to the Internet via a UTP cable. In the center, two converters are connected via a Fiber optic cable. On the right, a converter is connected to several devices: an IP Camera, a Computer, a Wireless AP, and a VoIP Phone, all using UTP cables.</p>
<p>Dimension</p>	 <p>The dimension diagram shows the physical size of the media converter. The main unit is 70mm wide and 94mm high. The side panels are 26mm wide. The top panel is 26mm wide and 26mm high. The bottom panel is 26mm wide and 26mm high. The diagram also shows a 5V DC power input and a fiber connector.</p>



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