

# Gigabit Media Converter

Model: MC201P

## Product Introduction

The MC201P is a Media Converter designed for network monitoring. It has one 10/100/1000Mbps Ethernet ports and one 1.25Gbps fiber port. It is designed with imported Marvell chip to achieve lower power consumption and high stability. It extends the transmission distance of a network from 100m to 120km 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-TX and 1000Base-SX/LX
- ❖ 1\*1.25Gbps SFP fiber port, 1\*1000M Ethernet ports with auto-negotiation function
- ❖ Support 100M speed rate, MDI/MDIX and half/full-duplex with auto-negotiation function
- ❖ Each port has the complete LED Indicator light
- ❖ Fiber port is SFP slot, choose different SFP modules as real demands
- ❖ Support IEEE802.1d Spanning Tree
- ❖ Support high performance QoS function on each port
- ❖ Support broadcast storm control
- ❖ Support 48-56V voltage input
- ❖ Support IEEE802.3x flow control and back pressure control
- ❖ Require no configuration and will instantly operate as soon as you power it up
- ❖ Using MARVEL industrial chips, low power consumption, stable and reliable
- ❖ Heat sink built in to ensure longtime efficient operation
- ❖ Support POE power up to 30W for each port, support IEEE802.3af, IEEE802.3at

Specification:		
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3x Flow control IEEE802.3z 1000Base-SX/LX	IEEE802.3af IEEE802.1p QoS IEEE802.1d Spanning Tree IEEE802.3at
Certifications	CCC, CE, FCC, RoHS	
Ethernet Port	<ul style="list-style-type: none"> <li>★Connector: RJ45</li> <li>★Data Rate: 10/100/1000M</li> <li>★Distance: 100m</li> <li>★UTP Type: UTP-5E or higher level</li> </ul>	
Fiber Port	<ul style="list-style-type: none"> <li>★Connector: SFP slot</li> <li>★Data Rate: 1.25Gbps</li> <li>★Distance: 550m ~ 100km</li> </ul>	
Performance	<ul style="list-style-type: none"> <li>★Processing Type: Store and Forward</li> <li>★ Buffer Space: 1Mbit</li> <li>★ Back bandwidth: 2G</li> <li>★ Time Delay: &lt; 150μs</li> </ul>	
POE	<ul style="list-style-type: none"> <li>★ Power type: end span</li> <li>★ Cell: 1/2+, 3/6-</li> <li>★ Port characteristics: 15.4W/30W</li> <li>★ Power supply: 65W</li> </ul>	
Power	<ul style="list-style-type: none"> <li>★ Power type: external power supply</li> <li>★ Input Voltage: AC100V ~ 240V 50/60Hz</li> <li>★ Connector: DC Socket</li> <li>★ Working Voltage: 48-56V</li> <li>★ Power Consumption: 1.4W ~ 3.0W</li> </ul>	
Environment	<ul style="list-style-type: none"> <li>★ Storage Temperature: -40 ~ 70°C</li> <li>★ Operating Temperature: -10 ~ 55°C</li> <li>★ Relative Humidity: 5-90% ( no condensation)</li> </ul>	
Warranty	1 year	
Physical Characteristics	<ul style="list-style-type: none"> <li>★Dimension: 94×71×27mm</li> <li>★Weight: 0.30kg</li> <li>★Color: Metal, Black</li> </ul>	

<p>Application</p>	<p>The diagram illustrates the application of the media converter. On the left, a box labeled 'Internet' is connected to a media converter via a blue UTP cable. This media converter is connected to a second media converter via an orange Fiber cable. The second media converter is then connected to four different devices on the right: an IP Camera, a Computer, a Wireless AP, and a VoIP Phone, all via blue UTP cables.</p>
<p>Dimension</p>	<p>The dimension diagram shows the physical specifications of the media converter. The main unit is 70mm wide and 26mm high. It features a 5V DC power input on the top left, TX and RX ports on the bottom left, and a 10/100/1000Base-T to 1000Base-X Bridging Converter label on the front. The side panels are 26mm wide and 26mm high. The overall height of the unit is 70mm.</p>



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