

# 4N-1G1E-F

MEDIA CONVERTER 10/100/1000M RJ45 20KM



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The Media Converter is a 10/100/1000Mbps adaptive gigabit Ethernet Media Converter. It has one 10/100/1000Mbps UTP port and one 1.25Gbps fiber ports. It extends the transmission distance of a network from 100m via copper ca-bles to 120km.It can extend the transmission dis-tance, and also with many other advantages such as isolation protection, good data security, work-ing stable and easy to maintain.

## Key Features

- 1×1000Base-SFP to 1×10/100/1000Base-RJ45 Port (Single-Mode)
- RJ45 support auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Each port has the complete LED Indicator light
- Support IEEE802.1d Spanning Tree
- Supports high performance QoS function on each port
- Flow control fully supported
- Support broadcast storm protection
- Wide-range redundant power design (DC 5~12V)
- 1×9 fixed fiber module or SFP slot optional
- Support max forwarding packet length 9K bytes option
- Requires no configuration and will instantly operate as soon as you power it up
- Small volume
- Low power consumption.



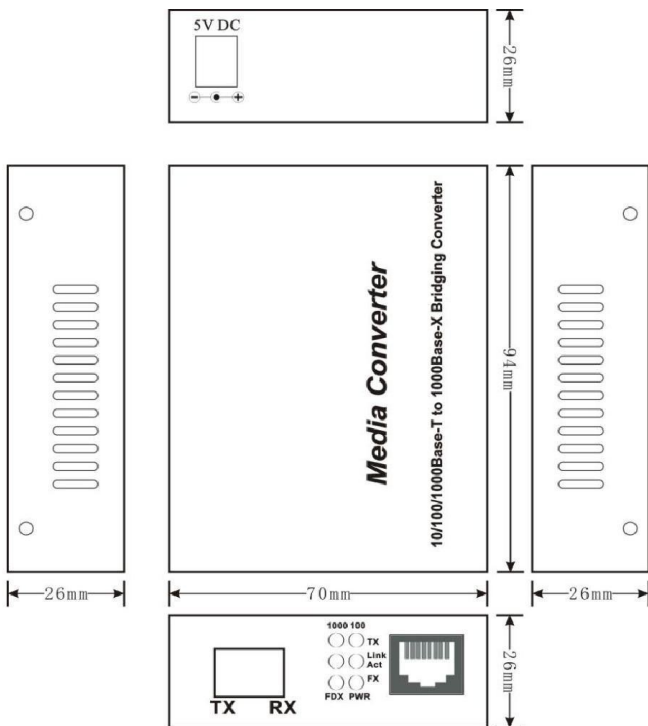
## Specification

<b>Standards</b>	IEEE802.3 10Base-T , IEEE802.3u 100Base-TX/FX VLAN IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX IEEE802.3x Flow control IEEE802.1q IEEE802.1p QoS IEEE802.1d Spanning Tree
<b>Copper Port</b>	<ul style="list-style-type: none"><li>• Connector:RJ45</li><li>• Data Rate: 10/100/1000M</li><li>• Distance: 0~100m</li><li>• UTP Type:UTP-5E or higher level</li></ul>
<b>Fiber Port</b>	<ul style="list-style-type: none"><li>• Connector: SC/FC/ST/SFP slot</li><li>• Data Rate: 1.25G</li><li>• Optical wavelength:850nm/1310nm/1490nm/1550nm</li><li>• Distance: 0~120km</li></ul>
<b>Performance Port</b>	<ul style="list-style-type: none"><li>• Processing Type : Store and Forward</li><li>• MAC Table Size: 2K</li><li>• Buffer Space: 1Mbit</li><li>• Maximum Packet Length:9K bytes</li><li>• Time Delay:&lt;20μs</li></ul>
<b>Power</b>	<ul style="list-style-type: none"><li>• Input Voltage:AC100V~240V, 50/60Hz</li><li>• Connector: DC Socket</li><li>• Working Voltage:5VDC</li><li>• Power Consumption: 0.75W~3W</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>• Storage Temperature: -40 °C ~ +70 °C</li><li>• Operating Temperature: -10 °C ~ +55 °C</li><li>• Relative Humidity: 5-95% ( no condensation)</li></ul>
<b>Physical Character-istics</b>	<ul style="list-style-type: none"><li>• Dimension: 94×70×26mm</li><li>• Weight:0.15kg</li><li>• Color: Metal、 Black</li></ul>

## Order Information

- 1×1000Base-X to 1×10/100/1000Base-T, SFP slot
- 1×1000Base-X to 1×10/100/1000Base-T, SMF, 1310nm, SC, 20km
- 1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1310/RX1550nm, SC, 20km
- 1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1550/RX1310nm, SC, 20km
- 1×1000Base-X to 1×10/100/1000Base-T, SMF, 1310nm, SC, 40km
- 1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1310/RX1550nm, SC, 40km
- 1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1550/RX1310nm, SC, 40km

## Dimension



## Application

