

MCI-1110-E Media Converter 1G Fiber 1G Ethernet

PAMIX optical fiber media converter can efficiently do conversion between 10/100/1000M Ethernet RJ45 port and fiber. It can carry out long distance data and video signal transmission. It's stable, suitable for harsh environments, thanks to its double side ventilation design.



Main Features

- Auto negotiable 10/100/1000M network speed
- Auto negotiable full-duplex and half-duplex transmission mode according to IEEE 802.3x flow control
- 1M Buffer, 2K MAC Address
- Support 16 Groups of VLANs
- Working mode indicator light
- Support both Single-Mode & Multimode fiber
- Simplex & Duplex connector
- Hot plug and play
- IP30 protection
- Up to 60Km distance over optical fiber depends on model

Specification

I/O Interface

Power	Adapter input voltage : AC 100-240 V, 50/60Hz (Optional -48V dc) Adapter output voltage: 5V dc, Socket Ø2.5mm Media Converter Input: DC 5-12V Power Consumption ≤ 3 Watt
Ethernet	1 RJ45 Ports 10/100/1000M ≤100 meter 1 SCD or 1SC Port 1.25G (depend on model)

Performance

Buffer Space	1M bit
Transfer Mode	Store and Forward
Flow Control	Supported
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x

Standard

Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX/FX) IEEE 802.3ab (1000Base-TX) IEEE 802.3z (1000Base-FX) IEEE802.3x (Flow control)
Optical Characteristics	Single mode: 1310/1550nm, Multimode: 850nm

Environment

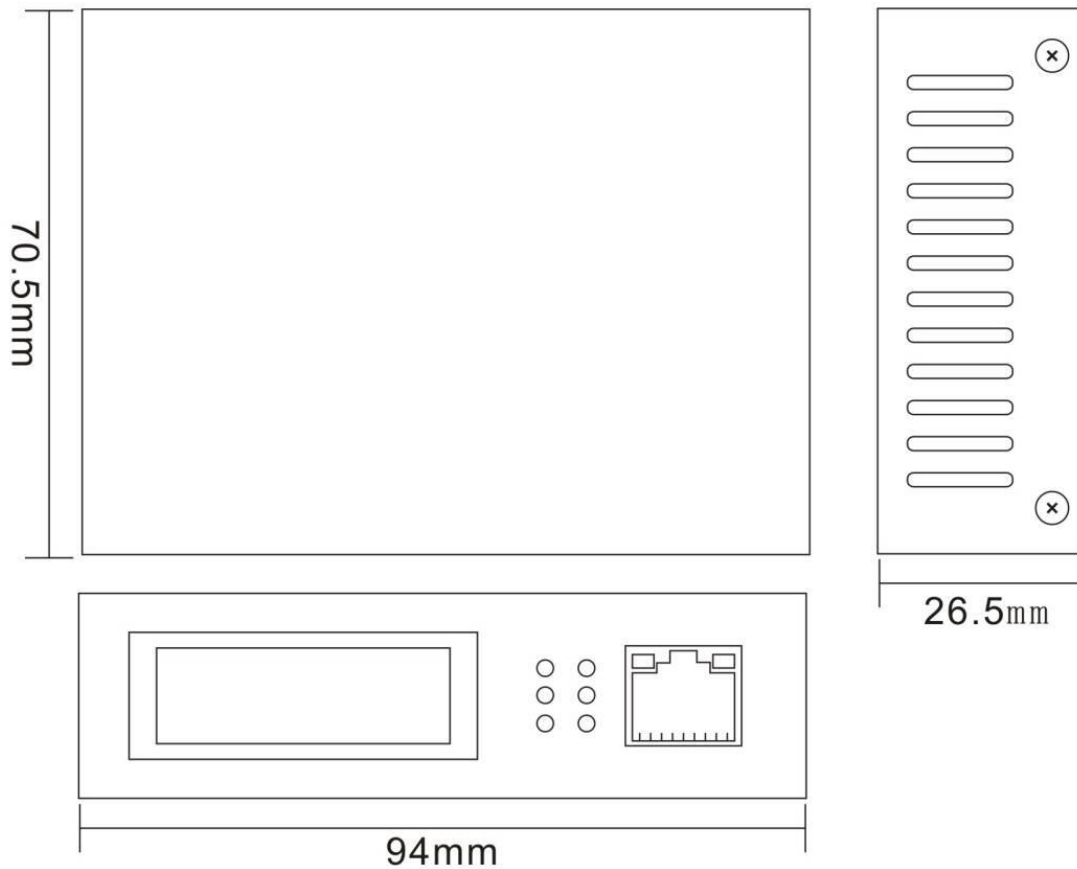
Working Environment	Working Temperature : -20~60° C Storage Temperature : -40~70° C Working Humidity : 5%~95%, non-condensing
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Mechanical

Size	Product Size: 95x70x26mm Metal IP30 enclosure
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Indicators

LED Indicators	PWR (Power indicator) Fx (Optical link is connected) Tx (Twisted pairs link is connected)
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Ordering Information

Description	Article Number
PAMIX MCI-1110 Media Converter 1 RJ45 10/100/1000M Ports, Dual Fiber, SCD 1000M Multimode, 850nm, 550 meter	5101060
PAMIX MCI-1110 Media Converter 1 RJ45 10/100/1000M Ports, Dual Fiber, SCD 1000M Single Mode, 1310nm, 20km	5101061
PAMIX MCI-1110-E Media Converter 1 RJ45 10/100/1000M Ports, Single Fiber, SC 1000M Single Mode, 1310TX/1550RX, 20km	5101062-A
PAMIX MCI-1110-E Media Converter 1 RJ45 10/100/1000M Ports, Single Fiber, SC 1000M Single Mode, 1550TX/1310RX, 20km	5101062-B
PAMIX MCI-1110-E Media Converter 1 RJ45 10/100/1000M Ports, Single Fiber, SC 1000M Single Mode, 20km, Pair (A & B)	5101062-AB

*Optional more distances available 40/60/80km

*Optional other connectors are available on special.