

## MCI-1110S Media Converter 1G SFP Slot 1G Ethernet

PAMIX Ethernet optical fiber media converter can efficiently do conversion between 10/100/1000M Ethernet RJ45 port and fiber port. Support and compatible with both half & full duplex mode. It can carry out long distance data and video signal transmission. Both single-mode and multi-mode fiber types are supported. Thanks to MCI-1110S design that made it easy to change between fiber technologies SM or MM, single fiber or dual fiber by just changing the SFP transceiver model. It support both desk, wall and rack installation. It's stable, suitable for harsh environments, thanks to its double side ventilation design.



### Main Features

- Auto negotiable 10/100/1000M network speed with auto-MDI/MDI-X
- Auto negotiable full-duplex and half-duplex transmission mode according to IEEE 802.3x flow control
- Support QoS packets VOIP
- STP protocol is supported
- Working mode indicator light
- Low power consumption and low heat generation cause stable long time working
- Support both Single-Mode fiber & Multimode fiber
- Duplex fiber Single-Mode, Duplex fiber Multimode, Simplex fiber Single-Mode
- Hot plug and play
- ESD surge protection
- IP30 protection
- Can be mounted on Desktop, Wall with optional kit or Rack Chassis
- CE/FCC/ROHS 2.0 Compliance product

## 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 dc, 2A Power Consumption ≤ 3 Watt
Copper Port	1 RJ45 Ports 10/100/1000M (Cat5/Cat5e/Cat6/Cat6a/Cat7/Cat7A ≤100 meter)
Fiber Optic Port	1 SFP Slot Port Support 1.25G (SM OS1/OS2 ≤ 120km, MM OM1/OM2/OM3/OM4 ≤550 meter)

### Performance

Switching Capacity	4G bps
Buffer Space	1M bit
Jumbo Frame	1916 Bytes
Transfer Mode	Store and Forward
Time Delay	< 10µs
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) IEEE802.1d (Spanning Tree)
Optical Characteristics	Multimode: 850nm, Single mode: 1310/1550nm EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11
Industry Standard	Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Safety	CE, FCC, RoHS

### Environment

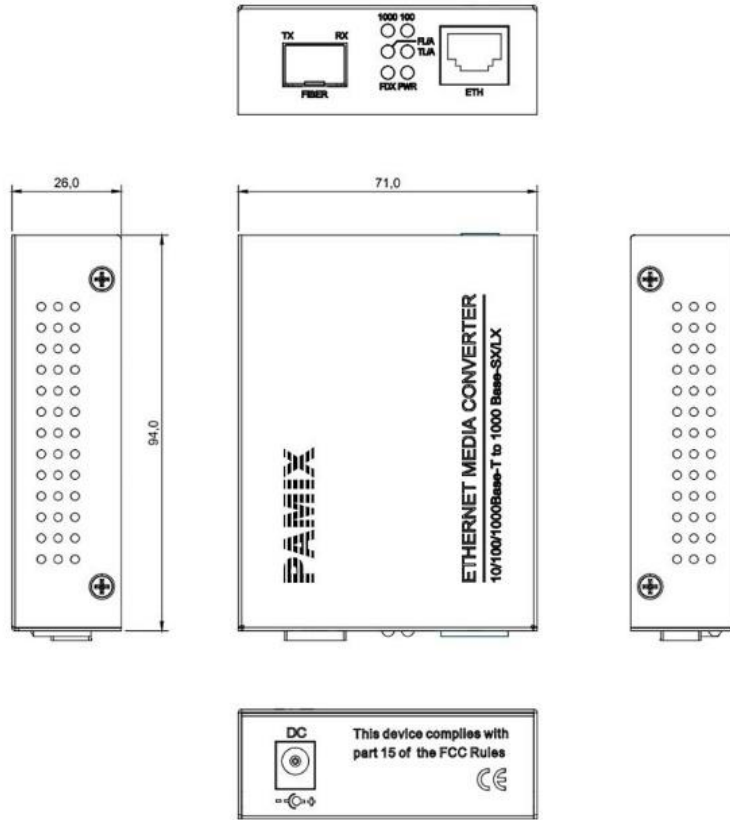
Working Environment	Working Temperature : -20~65° C Storage Temperature : -40~85° C Working Humidity : 5%~90%, non-condensing
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### Mechanical

Size	Product Size: 94x70x26mm Metal IP30 enclosure
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### Indicators

LED Indicators	PWR (Power indicator) FX (Optical link is connected), FL/A (Optical link in active), FDX (Optical link in full duplex mode) TL/A (Twisted pairs link is connected & active) 100 (100Mbps link is connected), 1000 (1Gbps link is connected)
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## Ordering Information

Description	Model	Article Number
- PAMIX Media Converter 1 RJ45 10/100/1000M Ports, 1 SFP Slot	MCI-1110S	5101055
- PAMIX SFP 1.25G Multi Mode 850nm LCD 550m range	S-MD12-05I-85-xx	5101111
- PAMIX SFP 1.25G Single Mode 1310nm LCD 20km range	S-SD12-20I-13-xx	5101112
- PAMIX SFP 1.25G Single Mode TX1310/RX1550nm LC 20km range	S-SB12-20I-35-xx	5101117
- PAMIX SFP 1.25G Single Mode TX1550/RX1310nm LC 20km range	S-SB12-20I-53-xx	5101118
- Wall mount installation kit	MCH-14-2PS	5101099

\*Optional more distances available 10/20/40/60/80/100/120 km