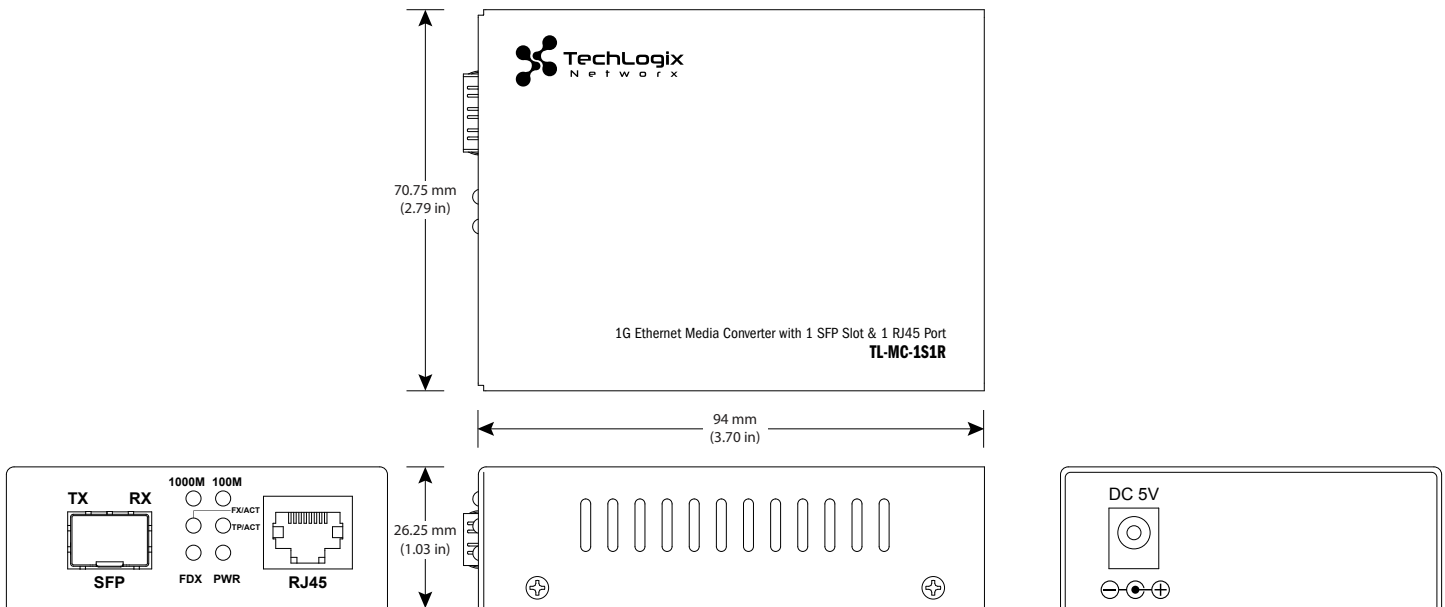


Technical Specifications

TL-MC-1S1R

1G Ethernet Media Converter with 1 SFP Slot & 1 RJ45 Port

- Data transfer rate: 1000 Mbps
- 10/100/1000Base-TX auto-sensing RJ45 port, maximum distance 100 m / 300 ft. (Cat5e and better)
- RJ45 port with Auto MDI/MDI-X support
- SFP (Small Form Factor Pluggable) optical transceiver module port (SFP module not included)
- Module port for Gigabit multimode or single-mode Mini GBIC 1.25G SFP-type fiber modules
- Status LEDs for power and Link/TX for both ports
- Supports jumbo frames up to 9 kBytes
- Functions as a stand-alone converter or can be used with the 14-slot media converter chassis, model *TL-RKMC-14*
- Fully NDAA-compliant



Inputs and Outputs

SFP	<i>Small Form-factor Pluggable Port</i>
RJ45	<i>8P8C Twisted Pair Ethernet Port</i>
DC 5V	<i>5.5 mm Outside Diameter, 2.1 mm Inside Diameter</i>
LED Indicators	<i>Twisted Pair Ethernet Speed (1000M or 100M), Fiber Activity (FX/ACT), Twisted Pair Activity (TP/ACT), Fiber Optic Link (FDX), Device Power (PWR)</i>

Signal Specifications

Fiber Optic Module Support	<i>IEEE 802.3z (Fiber Optic Gigabit Ethernet) Compliant</i>
Supported Fiber Types	<i>Single Mode and Multimode (Depends on the SFP Module)</i>
Maximum Fiber Distance	<i>Depends on SFP Module</i>
Ethernet Port (RJ45) Support	<i>IEEE 802.3 (Twisted Pair Ethernet), IEEE 802.3ab (Twisted Pair Gigabit Ethernet), IEEE 802.3u (Twisted Pair Fast Ethernet) Compliant</i>
Support Twisted Pair Cable	<i>1000Base-T Cat5e or higher UTP/STP RJ45</i>
Maximum Twisted Pair Distance	<i>100m (328 ft)</i>

Power, ESD, and Regulatory

Maximum Power Consumption	<i>3.0W</i>
Power Supply	<i>100-240v AC Input, 5v 1A Output</i>
Regulatory	<i>FCC Class A, CE, UKCA, NDAA</i>

Environmental Specifications

Operating Temperature (Environment)	<i>0° to +50° C (32° to 122° F)</i>
Storage Temperature (Environment)	<i>-20° to +70° C (-4° to 158° F)</i>
Operating Relative Humidity (Environment)	<i>10% to 80%</i>

Chassis Specifications

Enclosure	<i>Painted steel</i>
Dimensions (H x W x D)	<i>26.25mm (1.03 in) x 70.75mm (2.79 in) x 94mm (3.70 in)</i>
Weight	<i>170g (0.37 lb)</i>

Other

Warranty	<i>1 year</i>
Included Accessories	<i>1 ea Power Supply with US 2-prong AC Connector, 1 ea Product Manual</i>
Compatible TechLogix Products	<i>TL-RKMC-14 TL-1GSFP-MM550 TL-1GSFP-SM20K</i>