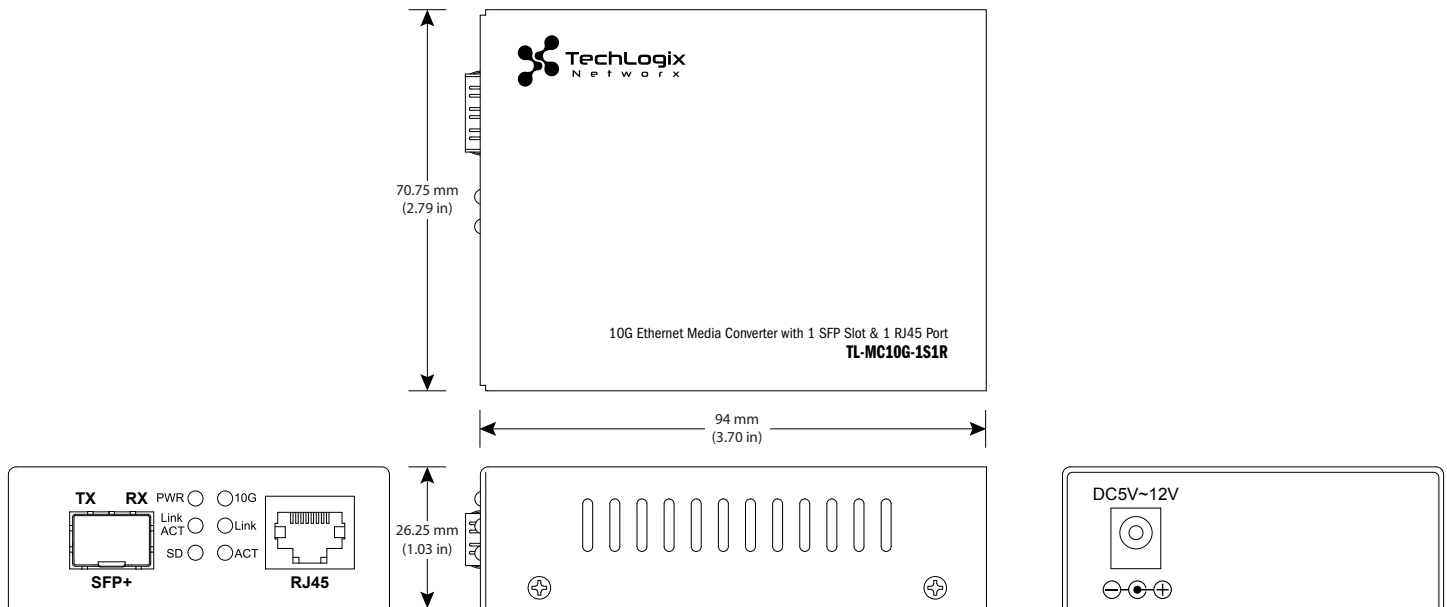


Technical Specifications

TL-MC10G-1S1R

10G Ethernet Media Converter with 1 SFP+ Slot & 1 RJ45 Port

- One 10G SFP+ port
- Supports IEEE802.3u, 10GBase-T and 10GBase-FL
- Supports full-duplex mode or half-duplex mode operation with autonegotiation
- Status LEDs for power and Link/TX for both ports
- Supports jumbo frames up to 9 kBytes
- External 12 VDC power adapter
- 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, 2.6 mm Inside Diameter</i>
LED Indicators	<i>Device Power (PWR), Fiber Activity (Link ACT), Fiber Optic Link (FDX), Twisted Pair Ethernet Speed (10G), Twisted Pair Link (Link), Twisted Pair Activity (ACT)</i>

Signal Specifications

Fiber Optic Module Support	<i>1000Base-T, 2.5GBase-T, 5GBase-T, 10GBase-T</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>1000Base-T, 2.5GBase-T, 5GBase-T, 10GBase-T</i>
Support Twisted Pair Cable	<i>1000Base-T: Cat5e or higher UTP/STP 2.5GBase-T: Cat5e or higher UTP/STP 5GBase-T: Cat5e or higher UTP/STP 10GBase-T: Cat6a UTP/STP</i>
Maximum Twisted Pair Distance	<i>1000Base-T: 100m (330 ft) 2.5GBase-T: 50m (164 ft) 5GBase-T: 50m (164 ft) 10GBase-T: 50m (164 ft)</i>

Power, ESD, and Regulatory

Maximum Power Consumption	<i>5.0W</i>
Power Supply	<i>100-240v AC Input, 12v 0.5A Output</i>
Regulatory	<i>FCC Class A, CE, UKCA, NDA</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>200g (0.4 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-1GSFP-MM550 TL-1GSFP-SM20K TL-10GSFPP-MM300 TL-10GSFPP-SM10K</i>