10GBASE-T to SFP+ Fiber Media Converter

TFC-10GSFP (v1.0R)

- 1 x 10G RJ-45 port
- 1 x 10G SFP+ Slot
- LFPT support (Link Fault Pass Through)
- SFP slot accommodates multimode or single-mode modules
- RJ-45 port supports full-duplex mode
- Functions as a standalone converter
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's compact 10GBASE-T to SFP Fiber Media Converter, model TEG-10GSFP, converts a 10GBASE-T (Copper 10Gbps) ethernet connection to 10G BASE-SX/LX (Fiber) SFP media connection , and vice versa. The 10GBASE-T RJ-45 port on the 10G SFP+ transceiver supports a full-duplex 10G connection at wire speed. The SFP slot supports both multimode (SX) or single-mode (LX) SFP modules.

Multi-Gig Slot

The SFP and RJ-45 ports support 10G, and 1G speeds.

Power Adapter

A power adapter is included with the 10G SFP+ transceiver for standalone use.

Compact

Compact and lightweight metal housing design provides greater installation flexibility.

FEATURES

Multi-Gig Ethernet

1 x 10G/1G Ethernet port

Multi-Gig SFP

1 x 10G/1G SFP+ slot

Fanless

Fanless design on the 10G SFP+ media converter lowers energy consumption and eliminates operating noise

Compact Design

Small, compact, and lightweight metal housing of the 10GbE SFP+ transceiver provides greater installation flexibility
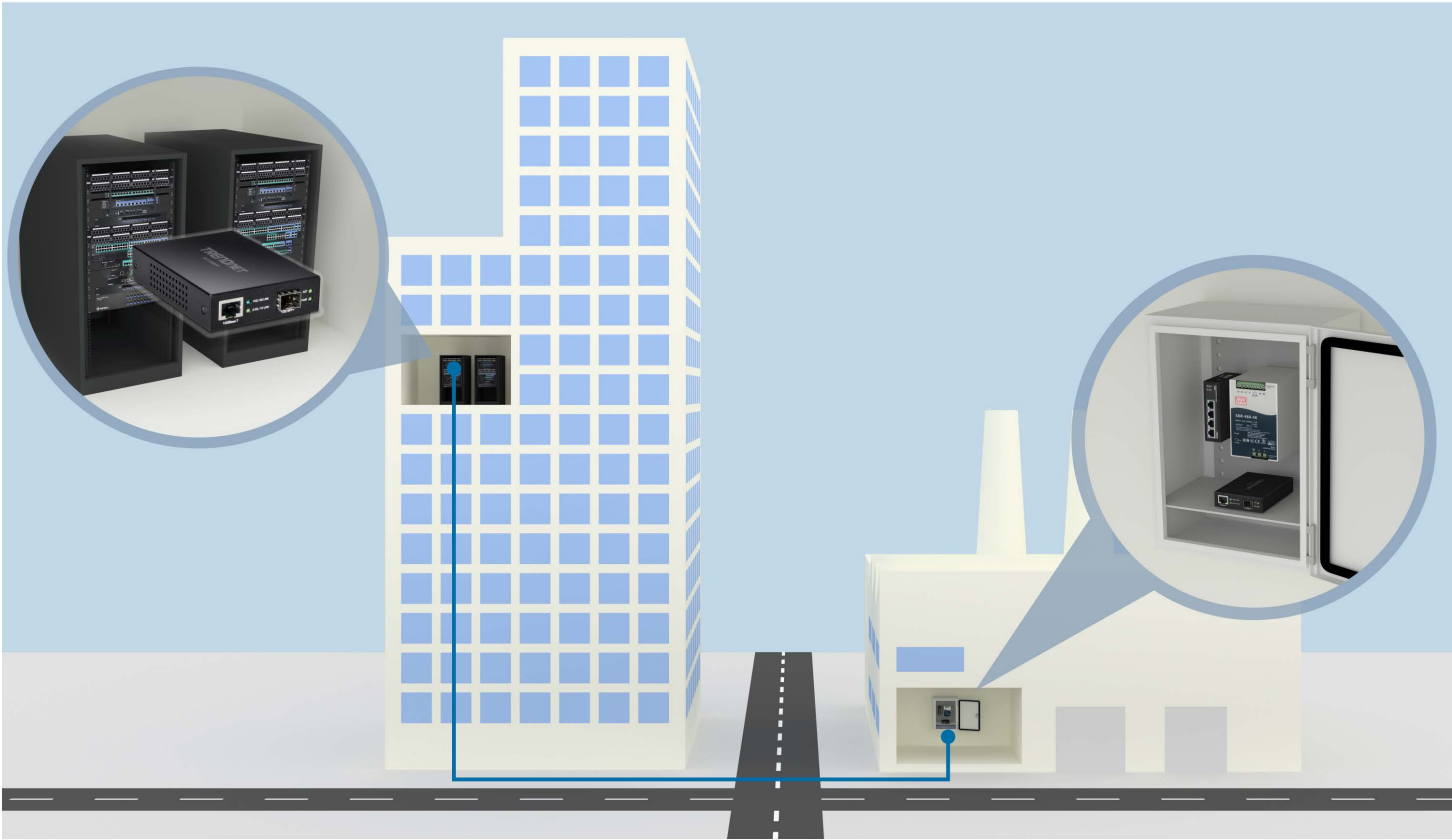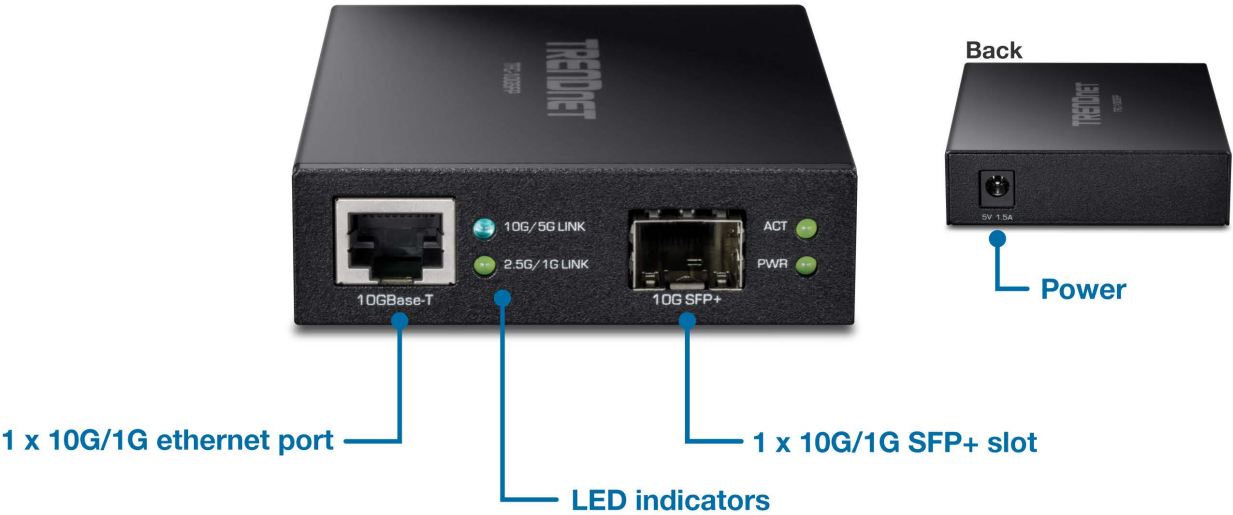
LED Indicators

LED indicators convey port status

Fiber Wavelength

The 10G SFP+ transceiver is compatible with multi-mode and single mode transmissions

Back

Power

1 x 10G/1G ethernet port

LED indicators

1 x 10G/1G SFP+ slot

10GBase-T

10G/5G LINK

2.5G/1G LINK

10G SFP+

ACT

PWR

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3an
- IEEE 802.3bz
- IEEE 802.3z

Device Interface

- 1 x 10G/1G ethernet port*
- 1 x 10G/1G SFP+ slot
- LED indicators

Data Transfer Rate

- Gigabit: 2000Mbps (full duplex)
- 10G: 20Gbps (full duplex)

Special Features

- Supports Link Fault Pass-Through (LFPT)
- SFP slot supports Multimode and Single mode Modules

Power

- Input: 110 – 240 V AC, 50/60 Hz 0.5A
- Output: 5V DC, 1.5A
- Max. consumption: 4W

Operating Temperature

- 0° C – 50° C (32° F – 122° F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 105 x 75 x 22 mm (4.13 x 2.95 x 0.86 in.)

Weight

- 188 g (6.63 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TFC-10GSFP
- Quick Installation Guide
- Power Adapter (5V DC, 1.5A)

* Ethernet and SFP speeds must match to achieve a link.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.