

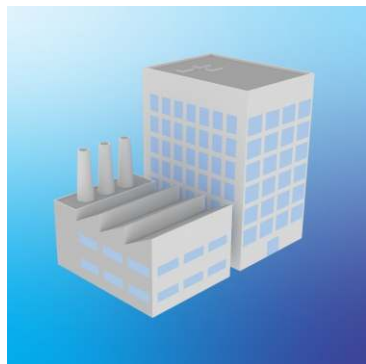


2-Port Industrial SFP to Gigabit PoE++ Media Converter

TI-BF22SFP (v1.0R)

- 2 x Gigabit SFP ports
- 2 x Gigabit PoE++ RJ-45 ports
- Hardened IP30 rated metal housing
- Provides up to 90W for PoE, PoE+ and PoE++ compliant devices
- Includes DIN-Rail and wall mounts
- Extreme operating temperature range -40° – 75° C (-40° – 167° F)
- Overload current protection
- Powers supply sold separately (model TI-S15052)
- NDAA / TAA compliant
- Lifetime Warranty

TRENDnet's 2-Port Industrial SFP to Gigabit PoE++ Media Converter, model TI-BF22SFP, converts two long distance fiber connections to copper connections, while providing power to PoE, PoE+, and PoE++ compliant devices, such as IP cameras, VoIP phones, and wireless access points. With an operating temperature range of -40° – 75 °C (-40° – 167 °F), the industrial PoE++ fiber media converter features a hardened IP30 rated metal housing suitable for tough, industrial environments. The industrial PoE++ fiber media converter's rugged design also provides protection from shock, freefall, and vibration.



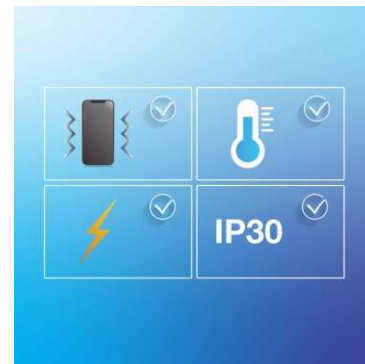
Industrial Applications

Networks devices for manufacturing, general industrial, logistics, surveillance, and corporate applications.



PoE++ Output

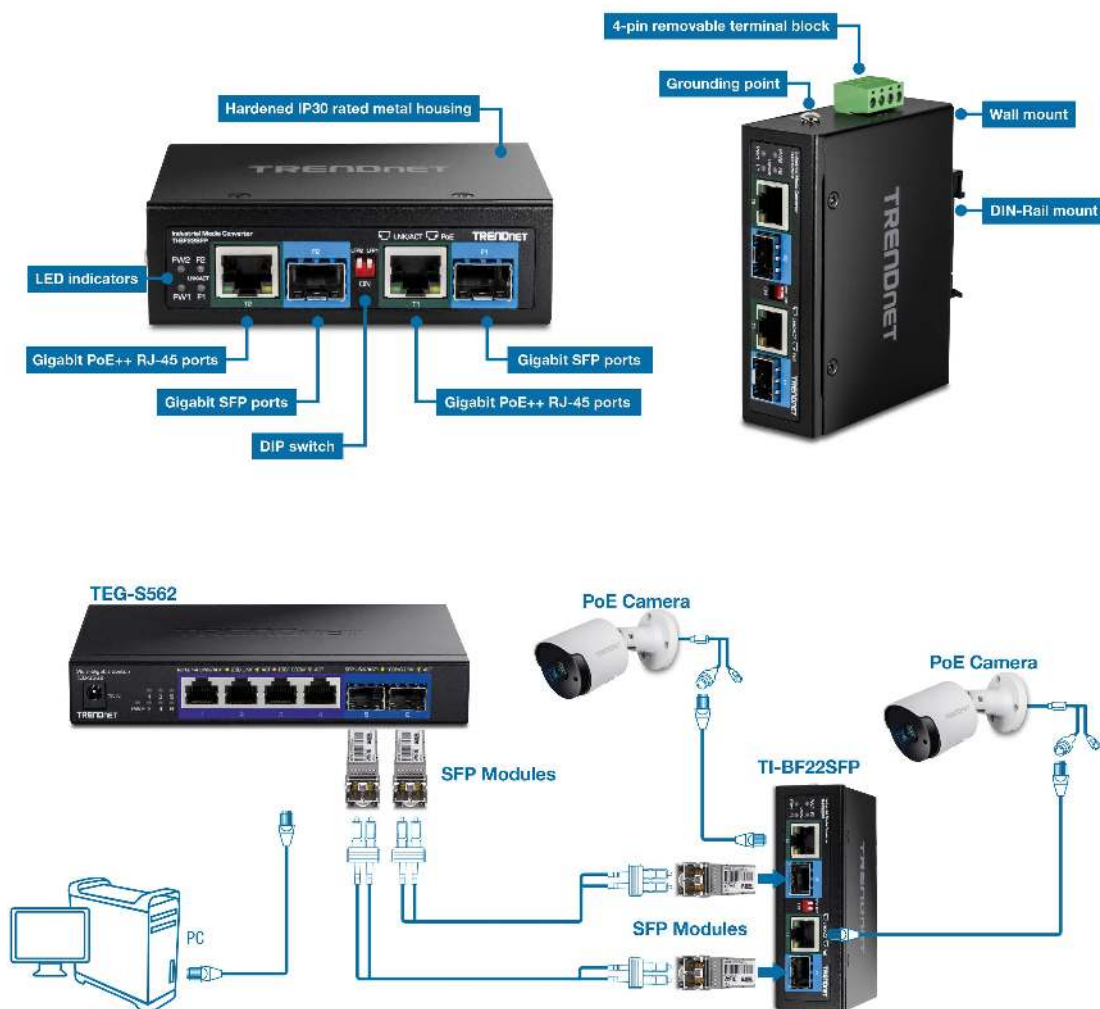
Converts long distance fiber to copper while providing power to PoE, PoE+, and PoE++ compliant devices, such as IP cameras and wireless APs.



Industrial Environments

Hardened IP30 converter for industrial networking environments, with a -40° – 75° C (-40° – 167° F) operating temperature range.

NETWORKING SOLUTION



FEATURES



Network Ports

2 x Gigabit PoE++ Ethernet ports
and 2 x Gigabit SFP ports



DIN-Rail/Wall Mounts

IP30 rated metal enclosure on the
industrial PoE+ media converter
includes DIN-Rail and wall mount
hardware



Switching Capacity

4Gbps switching capacity



Jumbo Frame

Sends larger packets, or Jumbo
Frames (up to 16KB), from the
industrial PoE++ SFP media
converter for increased
performance



Operating Temperature

Hardened converter is rated for an
extreme operating temperature
range of -40° – 75° C (-40° – 167°
F)



Electromagnetic Compliance

Complies with FCC Part 15 Subpart
B Class A and CE Class A
standards



Certifications

Rated for Information Technology
Equipment (ITE) and Industrial,
Scientific, and Medical (ISM)
equipment



Shock and Vibration Resistant

Rated for shock (IEC 60068-2-27),
freefall (IEC 60068-2-32), and
vibration (IEC 60068-2-6)



Grounding

Grounding point on this industrial
PoE++ fiber media converter
protects equipment from external
electrical surges

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3z
- IEEE 802.3x
- IEEE 802.3af
- IEEE 802.3at
- IEEE 802.3bt

Device Interface

- 2 x Gigabit SFP ports
- 2 x Gigabit PoE++ ports
- 4-pin removable terminal block
- LED indicators
- DIP switch
- DIN-Rail mount
- Wall mount
- Grounding point

Data Transfer Rate

- Gigabit: 2Gbps (full duplex)
- SFP: 2Gbps (full duplex)

Performance

- Data RAM buffer: 512KB
- MAC address table: 1K
- Jumbo frame: 16KB
- Switching fabric: 4Gbps

Special Features

- Hardened components rated for extreme temperatures
- Auto-Negotiation
- Automatic address learning and address aging

Power

- Input: 48 – 56V DC
- Required power supply: TI-S15052 (sold separately)
- Consumption: 3.84W (without PoE) @ 48V DC

PoE

- Pins 3, 4, 5, 6 for power (+) and pins 1, 2, 7, 8 for power (-)
- PoE budget: 90W

Terminal Block

- Power and relay inputs, 4 pin
- Wire range: 0.34mm² to 2.5mm²
- Solid wire (AWG): 12-24/14-22
- Stranded wire (AWG): 12-24/14-22
- Torque: 5lbs. – In / 0.5Nm / 0.56 Nm
- Wire strip length: 7-8mm

DIP Switch

- 1: OFF: T1 LFP disabled (default), ON: LFP enabled
- 2: OFF: T2 SFP disabled (default), ON: LFP enabled

MTBF

- 551,468 hours

Housing

- IP30 rated metal housing
- DIN-Rail mount
- Wall mount
- Grounding point

Operating Temperature

- - 40° - 75° C (-40° - 167° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 104 x 81.5 x 32mm (4 x 3.2 x 1.2 in.)

Weight

- 176g (6.2 oz.)

Certifications

- CE
- FCC
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-32)
- Vibration (IEC 60068-2-6)

Warranty

- Lifetime

Package Contents

- TI-BF22SFP
- Quick Installation Guide
- Removable terminal block
- DIN-Rail and wall mount kit

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.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.