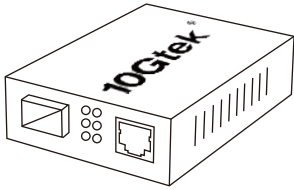


1000Base-T bis 1000Base-X

Gigabit Ethernet Medienkonverter

Bedienungsanleitung



PB2S-01(v1.0)

10Gtek®

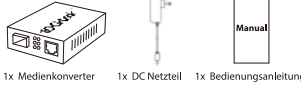
Bitte lesen Sie dieses Handbuch, das wichtige Informationen enthält, und bewahren Sie es auf.

Vielen Dank, dass Sie sich für dieses Produkt entschieden haben. Bitte lesen Sie dieses Handbuch vor der Inbetriebnahme und bewahren Sie es auf.

Übersicht

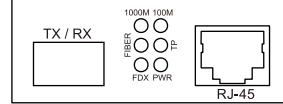
10Gteks A7S2 Series Medienkonverter wird zur Erweiterung bestehender Gigabit-Ethernet-Netzwerke eingesetzt. Entspricht IEEE802.3ab. Die einfache Implementierung und Erweiterung von 1000Base-TX/FX Netzwerken kann mit diesem Konverter weiter gewährleistet werden. Sein kompaktes, modulares Design erleichtert zum Einsatz in einem engen Desktop-Ort, um Raum zu sparen.

Das Paket beinhaltet



1x Medienkonverter 1x DC Netzteil 1x Bedienungsanleitung

LED-Anzeigen:



- **1000M**
Licht an: Die RJ-45-Geschwindigkeit beträgt 1000Mbps
- **FIBER**
Licht an: Glasfaser funktioniert
Blinken: Senden und Empfangen von Daten
- **FDX**
Licht an: Voll duplex
- **100M**
Licht an: Die RJ-45-Geschwindigkeit beträgt 100Mbps
- **TP**
Licht an: Netzwerkverbindung wird hergestellt
Blinken: Senden und Empfangen von Daten
- **PWR**
Licht an: DC-Strom eingeschaltet ist

Gigabit Ethernet Medienkonverter

Installation

Setzen Sie einen SFP-Transceiver ein, wenn der Media Converter die optische Schnittstelle ist ein SFP-Steckplatz. Verbinden Sie Glasfaser-Patchkabel mit dem SFP Transceiver; Stecken Sie die RJ-45-Patchkabel in den RJ-45-Anschluss von Medienkonverter; Schließen Sie das Netzkabel an den Media Converter an und prüfen Sie, ob die Power-LED leuchtet.

DC Netzteil

Dieser Konverter kann vom Benutzer mit interner oder externer Schallleistung gewählt werden.

- Eingangsspannung: 5VDC
- Verlustleistung: ≤3W

Technische Spezifikationen

- Entspricht IEEE 802.3/802.3u/802.3z/802.3ab,
- Entspricht 10/100/1000Base-TX/FX.
- Unterstützt Cat.5E bis zu 100m.
- Unterstützt Jumbo-Frame-Größe 9K Bytes.
- Unterstützt Voll duplex und Halbduplex und unterstützt MDI/MDI-X Auto-Crossover.

Gigabit Ethernet Medienkonverter

Limited Warranty

This product is warranted for three years from the date of purchase. Within this period, 10Gtek, at its option, will repair or replace products that have failed under normal use. Such repairs or replacements will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost. This Limited Warranty does not apply to:

(i) Any product damage caused by improper installation, accident hazards, natural disasters, abuse, misuse, low power or over-voltage, incorrect operation, poor/ bad environmental conditions and any unauthorized dis-assembly, repair or modification;

(ii) Products that have been modified without authorization, such as: modification of internal electronic information, EEPROM information, etc.;

(iii) System problems caused by third-party software, upgraded software or upgraded IOS of the connecting devices.

To obtain warranty service, please contact your local 10Gtek authorized dealer or original purchase channel for shipping instructions. Securely pack the device and send it to the designated address after prepaid freight charge.

Manufacturer:
10GTEK TRANSCEIVERS CO.,LTD

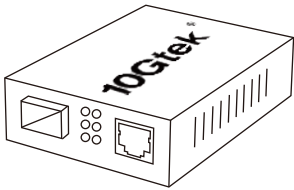


Technical Support : www.10gtek.com/support

1000Base-T to 1000Base-X

Gigabit Ethernet Media Converter

Product Manual



PB2S-01(v1.0)

10Gtek®

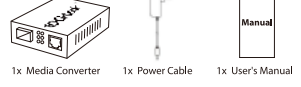
Please read and retain this manual which contains important info.

Thank you for purchasing this product. Please read this manual before operation and retain it.

Overview

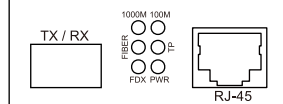
10Gtek's Media Converter Series is used to expand existing Gigabit Ethernet networks. Complied with IEEE 802.3ab standard, the A7S2 Media Converter Series allows the installation of fiber cabling anywhere within a Gigabit Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space. The A7S2 Media Converter Series owns two options: one is integrated with a SFP slot, which can be inserted by a SFP transceiver; while the other option is integrated with a 1X9 optical transceiver, which is fixed inside.

Packaging list



1x Media Converter 1x Power Cable 1x User's Manual

LED Indicators



- **1000M**
Light on: RJ-45 copper speed is 1000Mbps
- **FIBER**
Light on: Fiber port working
Flashing: Data transmitting and receiving
- **FDX**
Light on: Full-duplex
- **100M**
Light on: RJ-45 copper speed is 100Mbps
- **TP**
Light on: Network connecting
Flashing: Data transmitting and receiving
- **PWR**
Light on: DC power on

Gigabit Ethernet Media Converter

Installation

Insert a SFP transceiver, if the Media Converter's optical interface is a SFP slot; Maintain fiber optic patch cords to the SFP transceiver; Insert RJ-45 patch cords to the RJ-45 port of Media Converter; Connect the power cord to the Media Converter and check if the Power LED lights up. (The "1000M" and "TP" will turn on when all the cable connections are satisfied.)

Power Supply

This Converter is with Internal or External switching power for users to choose.

- Input voltage: 5VDC
- Power dissipation: ≤3 Watts

Technical Specifications

- Complies with IEEE 802.3/802.3u/802.3z/802.3ab,
- Complies with 10/100/1000Base-TX/FX.
- Support Cat.5E up to 100-m.
- Supports jumbo frame size 9K byte.
- Supports Full/Half Duplex auto-negotiation and MDI/MDIX auto-crossover.

Gigabit Ethernet Media Converter

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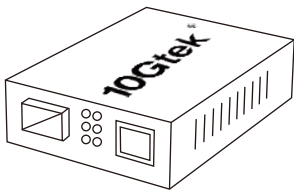


Technical Support : www.10gtek.com/support

1000Base-T to 1000Base-X

ギガビットイーサネットメディアコンバータ ユーザーマニュアル

Product Manual



PB2S-01(v1.0)

10Gtek®

Please read and retain this manual which contains important info.

Thank you for purchasing this product. Please read this manual before operation and retain it.

本製品概要

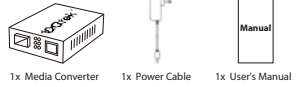
本商品は、Gigaインターフェース搭載光メディアコンバーターです。UTP側1000BASE-T/100BASE-TX/10BASE-TX対応、光ファイバー側1000BASE-SX-/1000BASE-LX/1000BASE-BX対応。UTP側、光ファイバー側とも最大で1000Mbps(理論値)の高速通信が可能。Giga化が進む企業内のネットワークでの長距離通信を実現します。Ethernetの送信単位を大きくして、ネットワーク上の転送効率を向上させ、ギガビットを生かした高速転送を可能にします。

セット内容

最初にご確認ください

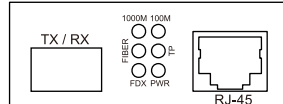
- コンバータ本体×1台
- ACアダプタ×1台
- 取扱説明書×1部

※万一、足りないものがありましたら、お買い求めの販売店にご連絡ください。



1x Media Converter 1x Power Cable 1x User's Manual

各部の名称



- **1000 LED:**
点灯: TP速度は1000Mbps
消灯: TP速度は10M/100Mbps
- **LNK/ACT LED:**
点灯: 接続状態
点滅: SFPポート動作中/データ伝送中
- **FDX LED:**
点灯: Full-Duplex
消灯: Half-Duplex(10M/100M限り)
- **100 LED:**
点灯: TP速度は100Mbps
消灯: TP速度は10M/1000Mbps
- **PWR LED:**
点灯: 電源ON
消灯: 電源OFF

#ギガビットイーサネットメディアコンバータユーザーマニュアル

コンバータの設置

- SFPモジュール・光ファイバケーブルの接続
a: SFPモジュールを本製品のSFPポートに接続します。
b: 光ファイバケーブルをSFPモジュールに接続します。
※対応する光ファイバケーブルはSFPモジュールに依存します。
- 電源を入れる
付属ACアダプタを接続して、POWER LEDが点灯か確認してください。
正常に接続されると、1000M LINK または Link/Act LEDsが点灯します。

電源供給

内部または外部電源供給に切り替え可能

- DC 5V・最大3W

#ギガビットイーサネットメディアコンバータユーザーマニュアル

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