



## Fiber Converters

### TFC-1000 Series

- Guide d'installation rapide [1]

## 1. Avant de commencer

### Contenu de l'emballage

- Convertisseur fibre
- Guide d'installation rapide en plusieurs langues
- Alimentation

Si tout le contenu ci-dessus sont manquantes, s'il vous plaît contactez votre revendeur.

### Configuration minimale

- Un environnement assez frais et sec
- Un environnement exempt de toute source de génération de champ électromagnétique fort (comme les moteurs), de vibration, de poussières et veuillez à ce qu'il ne soit pas directement exposé aux rayons du soleil.
- Châssis TFC-1600 (non fourni) ou une surface plane pouvant supporter le poids du convertisseur fibre
- Switch Gigabit 1000Mbps
- Câbles fibres multi-mode ou monomode
- Câble Ethernet RJ-45 Cat. 5e ou Cat. 6

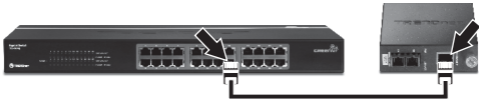
### Équipement optionnel

- Un rack standard 19 pouces
- Châssis TFC-1600
- Module Mini GBIC (par ex. TEG-MGBSX, TEG-MGBS10, TEG-MGBS40, TEG-MGBS80, TEG-MGBS10D35, TEG-MGBS40D35) pour logements Mini GBIC (TFC-1000MGB/TFC-1000MGA uniquement)

## 2. Installation du matériel

### Installation de 2 convertisseurs fibre autonomes

1. Branchez un câble Ethernet RJ-45 entre le port Ethernet des convertisseurs de fibre et le port Ethernet de votre switch (TEG-S24Dg).



2. Branchez le câble fibre aux convertisseurs fibre.



3. Branchez l'adaptateur secteur à l'arrière du convertisseur fibre.



### **Remarque:**

1. Pour le TFC-1000MSC / S20/ S50 / S70, les câbles TX et RX doivent être inversés sur la connexion fibre opposée.
2. Câblage
  - a. Câble optique multimode: TFC-1000MSC, TFC-1000MGB/ TFC-1000MGA avec le module TEG-MGBSX
  - b. Câble optique monomode: TFC-1000S20, TFC-1000S50, TFC-1000S70, TFC-1000MGB/TFC-1000MGA avec le module TEG-MGBS10/ TEG-MGBS40/TEG-MGBS80
  - c. Câble optique à simple brin: TFC-1000S10D3, TFC-1000S10D5, TFC-1000S40D3, TFC-1000S40D5, TFC-1000MGB/TFC-1000MGA avec le module TEG-MGBS10D35/TEG-MGBS40D35

## Installation d'un convertisseur fibre dans un châssis

1. Dévissez le cache baie de la baie choisie sur le châssis.



2. Desserrez la vis à molette et enlevez le convertisseur fibre du logement métallique



3. Glissez le convertisseur media dans un logement disponible et serrez la vis à molette.



**L'installation est maintenant complète.**

### 3. Voyants lumineux et interrupteurs Dip

#### Voyants lumineux

Voyants lumineux	Couleur	Séquence	Fonction
<b>PWR (Alimentation)</b>	Vert	Fixe	Périphérique alimenté allumé
	Arrêt		Périphérique alimenté éteint
<b>LINK/ACT</b>	Vert	Fixe	2000Mbps (Full Duplex) branché (par port)
	Vert	Clignotant	2000Mbps (Full Duplex) Emission/ réception de données (par port)
	Arrêt		La liaison est coupée

#### Interrupteurs DIP

Switch	Action	Fonction
<b>1</b>	<b>Activé</b>	TX Forced Mode (Mode forcé)
	<b>Arrêt</b>	TX Auto-Negotiation (Auto-négociation)
<b>2</b>	<b>Activé</b>	LLR Enable (Activer)
	<b>Arrêt</b>	LLR Disable (Désactiver)

#### Remarque:

1. Après avoir changé les paramètres de l'interrupteur DIP, éteignez et rallumez le convertisseur fibre.
2. LLR signifie Link Loss Return. Lorsque le LLR est activé, l'émetteur du port fibre s'éteint si son récepteur n'arrive pas à détecter une liaison valable. Si l'un des conducteurs optiques est endommagé, la carte avec le LLR activé informera son partenaire de liaison de l'absence de liaison. Le LLR est utilisé pour détecter les problèmes de liaison uniquement sur le port fibre. Si le LLR est activé sur un convertisseur fibre, le LLR du convertisseur fibre opposé doit être désactivé.

# Déclaration de conformité



## Coordonnées du fournisseur:

Nom:

TRENDnet, Inc.

Adresse:

20675 Manhattan Place  
Torrance, CA 90501  
USA

## Détails du produit:



Nom du produit:

1000Base-TX to 1000Base-SX/LX Fiber Converter

Modèle:

TFC-1000MSC, TFC-1000S20, TFC-1000S50, TFC-1000S70  
TFC-1000MGB, TFC-1000MGA, TFC-1000S10D3,  
TFC-1000S10D5 1000S40D3, TFC-1000S40D5

Nom Commercial:

TRENDnet

## Détails standard applicable:

EN 55022 : 2006 Class A

EN 61000-3-2 : 2006 Class A

EN 61000-3-3 : 1995 + A1 : 2001 + A2 : 2005

EN 55024 : 1998 + A1 : 2001 + A2 : 2003

## Déclaration:

*Le produit est conforme aux exigences de la directive 2004/108/EC du Conseil (Parlement européen) sur la directive EMC et de produits liés à l'énergie de la directive 2009/125/CE.*

*Je déclare par la présente que les produits et appareils mentionnés ci-dessus sont conformes aux standards et aux dispositions des directives.*

\_\_\_\_\_  
Sonny Su

Full Name

\_\_\_\_\_  
May 27, 2011

Date

\_\_\_\_\_  
Director of Technology

Position / Title

\_\_\_\_\_  
  
Signature

## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

### Fiber Converters– 3 Years Limited Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry a 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

**WARRANTIES EXCLUSIVE:** IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACE. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES,

EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

TRENDNET SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

**Governing Law:** This Limited Warranty shall be governed by the laws of the state of California. Some TRENDnet products include software code written by third party developers. These codes are subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL").

Go to <http://www.trendnet.com/gpl> or <http://www.trendnet.com> Download section and look for the desired TRENDnet product to access to the GPL Code or LGPL Code. These codes are distributed WITHOUT WARRANTY and are subject to the copyrights of the developers. TRENDnet does not provide technical support for these codes. Please go to <http://www.gnu.org/licenses/gpl.txt> or <http://www.gnu.org/licenses/lgpl.txt> for specific terms of each license.





## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com/register>

### Certifications

This equipment has been tested and found to comply with FCC and CE Rules.  
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

TRENDnet  
20675 Manhattan Place  
Torrance, CA 90501. USA