



GVT-2010 Version: 1

❗ Power supply unit is to be ordered separately.

Convertisseur SFP 10/100/1000BASE-T vers 1000BASE-X , PoE PD

GVT-2010 10/100/1000Mbps adaptive Gigabit Ethernet media converter adopts switching technology to fulfill media conversion. It complies with IEEE802.3, IEEE802.3u, IEEE802.3z and IEEE802.3ab standards. Presently it supports two types of media network connections: 10Base-T/100Base-TX/1000Base-T, and 1000Base-SX/LX, inter-converting electrical signals of 10Base-T/100Base-TX/1000Base-T twisted pairs with optical signals of 1000Base-SX/LX. It extends the transmission distance of network from 100m via copper cable to 100 km via fiber optical cable.

GVT-2010 supports 802.3at/af POE-PD function. It can draw the power via UTP cable connect to a POE-PSE switch or mid-span injector. This function makes the GVT-2010 ideal for remote areas of a network without power outlets



1. 10/100/1000Mbps SFP Slot
2. LED Indicators
3. 10/100/1000Mbps RJ-45 Port



4. DC Power Jack

Caractéristiques Principales

- Transfert de données entre les interfaces 10/100/1000Base-T cuivre et les interfaces fibre
- IEEE 802.3af PoE PD pouvant être alimenté par PoE PSE ou par alimentation externe
- Trames étendues de 9K pour un débit optimal de transfert des données
- Technologie LFP (Link Fault Pass-through) (LLCF/LLR) intégrée
- Prise en charge de la transmission avec faible décalage
- Prise en charge de la transmission de paquets extra-longus jusqu'à 1,6 Ko
- Température de fonctionnement de -10°C ~ 55°C

Caractéristiques

Caractéristiques système

Normes et protocoles:

IEEE802.3 10Base-T Ethernet,
IEEE802.3u 100Base-TX Fast Ethernet,
IEEE802.3ab 1000Base-T ,
IEEE802.3z 1000Base-SX/LX Gigabit Ethernet,
IEEE 802.3x flow control,
IEEE 802.3at POE+,
IEEE 802.3af POE

Port:

1X SFP Slot or 1X SC fiber port, 1 X RJ45 port(POE PD)

Indicateur:

PWR (power supply),
FX LINK (optical link action)
TP 1000 (TP cable rate 1000M),
TP 100 (TP cable rate 100M)
TP LINK/ACT (TP cable packet forwarding action),
FDX (TP full duplex operation)

Longueur d'onde (nm):

depend on fiber transeiver

Méthode de transmission:

Store and forward

Entrée d'alimentation:

External: AC90~264V/DC100~380V input, 5V/2A output,
Power over Ethernet (IEEE802.3af) 48 VDC

Caractéristiques

Général:

1. Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX, IEEE 802.3x flow control, IEEE 802.3at POE+, IEEE 802.3af POE
2. Media conversion between 10/100/1000Base-T and 1000Base-SX/LX
3. 10/100/1000M media converter with SFP slot or SC fiber transeiver
4. Supporting auto-sensing full-duplex and half-duplex operation
5. Supporting auto-sensation of MDI/MDI-X, facilitating system commissioning and installation
6. Support jumbo frame up to 9K
7. Store-and-Forward mechanism
8. Supporting LFP function
9. Support being powered by PoE via UTP cable and AC/DC adaptor

Performances

Portée:

depend on fiber transeiver

Conditions environnementales

Température de fonctionnement (°C):

-10~60 with operating
-40~85 with storage

Hygrométrie de fonctionnement:

5%~90%

Installation:
Desk, Wall,
Chassis mounted

Spécifications physiques

Dimensions (L x P x H mm):

71 x 94 x 26

Poids (g):

122g

Fiabilité

MTBF:

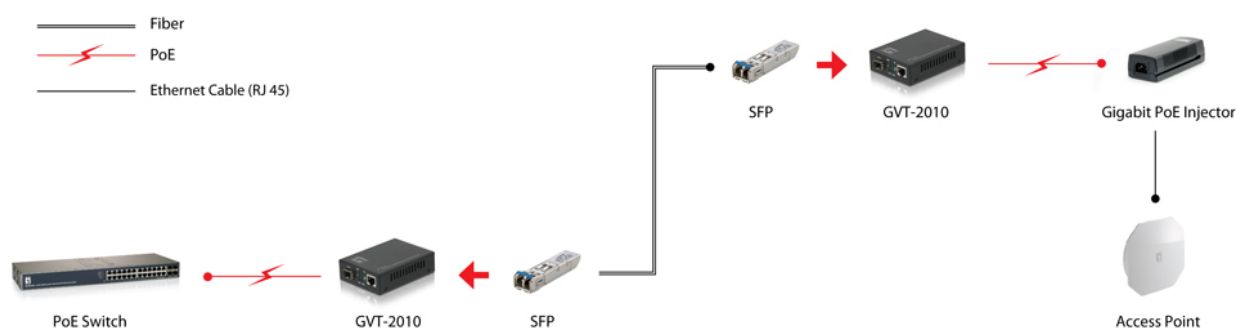
30000 hours

Approbation et conformité

EMI/EMS:

CE, RoHS, FCC

Schéma De Câblage



Informations Relatives À La Commande

GVT-2010

Contenu De L'emballage

GVT-2010

Manuel d'utilisation

Accessoires En Option



CVH-2000

Châssis de convertisseur de média à 14 fentes

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