



GVT-2011 Version: 1

Convertisseur SFP 10/100/1000BASE-T vers 1000BASE-X , 2 x SFP, 1 x RJ45

The LevelOne GVT-2011 Gigabit Media Converter Switch provides 1 RJ45 and 2 SFP ports to support conversion between 10/100/1000Base-T and 1000Base-X networks. With the two SFP ports, the converter switch provides high reliability and flexibility to extend the media transmission distance up to 550m, 20km, or longer depending on the SFP fiber optical transceivers. It allows the two types of segment to connect easily, efficiently and inexpensively.

The GVT-2011 works in high performance Store and Forward mechanism, and prevent packet loss with IEEE 802.3x Flow Control (Full-Duplex) and Back Pressure (Half-Duplex) functions. As the GVT-2011 Media Converter fully complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-X, the Gigabit media converter installation is quite quick and easy by simply plug and play.

Caractéristiques Principales

- 1 port gigabit et 2 ports SFP gigabit
- Transfert de données entre les interfaces 10/100/1000Base-T cuivre et les interfaces fibre
- Système de contrôle de flux IEEE 802.3x pour une protection optimale contre les pertes de paquets en vue d'une transmission fiable des données
- Prise en charge de la transmission avec faible décalage
- 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-X Gigabit Ethernet over Fiber-Optic

IEEE802.3x flow control

Port:

2 x SFP Slot

1 x RJ45

1 x DC Jack

Indicateur:

PWR, 1000M, LINK/ACT, F1, F2

Longueur d'onde (nm):

Depend on SFP fiber optical transceiver

Méthode de transmission:
Store and Forward mechanism

Entrée d'alimentation:
110VAC~240VAC

Sortie de Puissance:
5V/2A

Consommation électrique:
MAX to 5w

Caractéristiques

Général:

2 ports 1000Base-SX/LX SFP Fiber optic, 1 port 10/100/1000Base-T RJ45
Auto-Negotiation for 10/100 Base-TX Full-Duplex and 10/100 Base-TX Half-Duplex
Support IEEE 802.3x Full-Duplex Flow-Control and Back pressure for Half-Duplex to eliminates packets loss
Support Auto MDI/MDI-X function
Support VLAN tag, Multicast pass through, and support the max packet length 9000 bytes
Store-and-Forward mechanism, and 3-port data auto-switching or Backup mode for fiber ports

Performances

Portée:

Depend on SFP fiber optical transceiver

Trame étendue (K):

9K

Conditions environnementales

Température de fonctionnement (°C):

-10~55°C

Hygrométrie de fonctionnement:

5% ~ 90% non-condensing

Installation:

wall, desktop, chassis

Spécifications physiques

Dimensions (L x P x H mm):

71 x 94 x 26

Poids (g):

0.3kg

Fiabilité

MTBF:

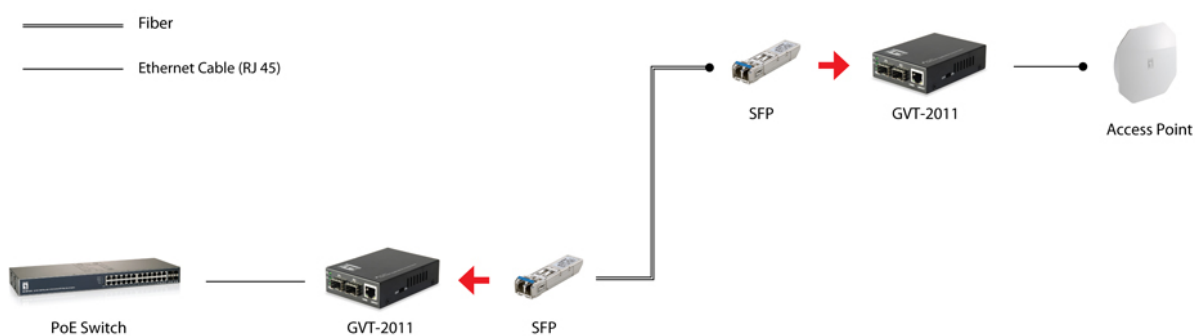
30000h

Approbation et conformité

EMI/EMS:

FCC, CE

Schéma De Câblage



Informations Relatives À La Commande

GVT-2011

Contenu De L'emballage

GVT-2011

Adaptateur d'alimentation

Guide d'installation rapide

No liability or responsibility for any errors or omissions in the content.
Specifications are subject to change without notice.
All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.