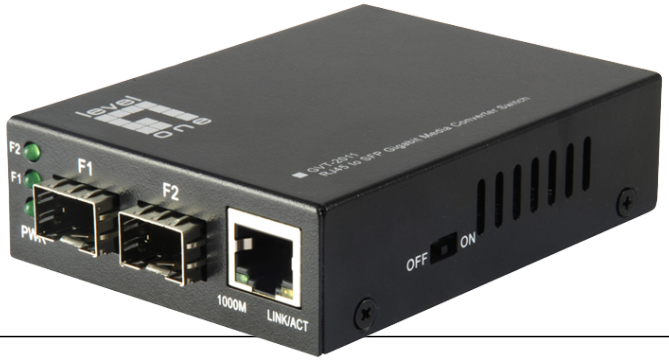
GVT-2011 Version: 1



Gigabit RJ45 zu SFP Mediakonverter-Switch, 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.

Key-features

- 1 Gigabit port und 2 Gigabit SFP Slots
- Überträgt Daten von 10/100/1000Base-T-Kupfer- zu Glasfaserschnittstellen
- IEEE-802.3x Flow-Control schützt vor Packet-Loss und sorgt für zuverlässige Datenübertragung
- Unterstützt Übertragung mit geringer Zeitverzögerung
- -10°C ~ 55°C Betriebstemperaturbereich

Specifications

Systemeigenschaften

Standards & Protokolle:
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

Stecker:
2 x SFP Slot
1 x RJ45
1 x DC Jack

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

Wellenlänge (nm):
Depend on SFP fiber optical transceiver

Übertragungsmethode:
Store and Forward mechanism

Leistungsaufnahme:
110VAC~240VAC

Leistungs:
5V/2A

Energieverbrauch:
MAX to 5w

Funktionen

Allgemein:
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

Leistung

Betriebsabstand:
Depend on SFP fiber optical transceiver

Jumbo-Frames:
9K

Environment

Temperatur (°C):
-10~55ºC

Luftfeuchtigkeit (nicht kondensierend):
5% ~ 90% non-condensing

Einsatz:
wall, desktop, chassis

Abmessungen

Abmessungen (W x D x H mm):
71 x 94 x 26

Gewicht:
0.3kg

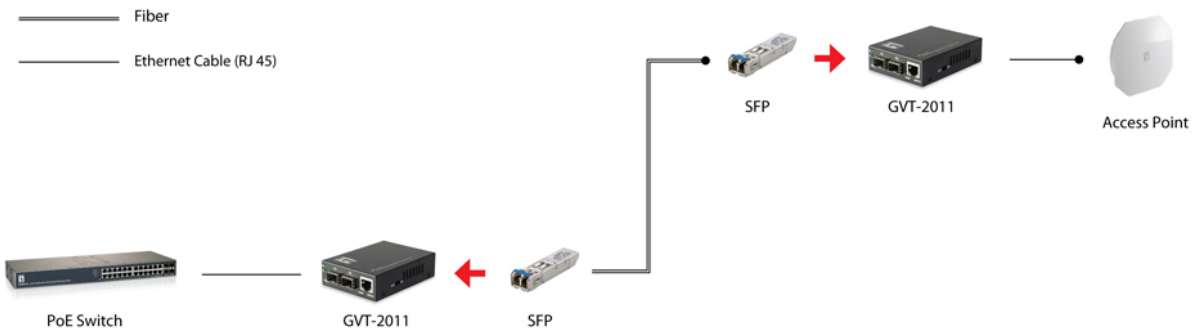
Zuverlässigkeit

MTBF:
30000h

Approval and Compliance

Zertifizierung:
FCC, CE

Diagramm



Order Information

GVT-2011

Package Contents

GVT-2011
Netzadapter
Quick Installation Guide

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