

10/100/1000BaseT to 1000SX Media Converter

LevelOne provides a complete series of media conversion solutions for flexible network extensions.

The GVT-4001 media converter is able to convert network signals between UTP and fiber optic cable based networks. This allows extension of networks over a longer distance in multi-mode fiber-optic cabling.

This Media Converter provides a 10/100/1000BaseT auto-negotiating RJ-45 connector port that supports full duplex and half duplex switch connectivity and MDI/MDI-X Auto Crossover. The Smart Link Fault Pass-through technology (Link Lost Forwarding) enables the switch to shut down data transmission when the link connection has failed.



GVT-4001

Key Features

- UTP to Fiber Switching Media Converter
- Auto Negotiation Speed, Half/Full Duplex
- TX port support Auto MDI/MDI-X
- Build in Link Loose Forwarding Technology
- Hot swap for chassis
- Can be used stand alone or mounted in Converter Chassis

Technical Specification

- **Standards Compliant**
IEEE802.3 10BASE-T
IEEE802.3u 100BASE-TX
IEEE 802.3ab 1000BaseT
IEEE 802.3z 1000BaseSX/LX
IEEE802.3x Flow Control and Back pressure
- **Connector**
Fiber
Duplex SC
RJ-45 Socket
CAT-5 (10/100/1000Mbps) Twisted Pair cable
Auto MDI/MDI-X and Auto-Negotiation Function Support
- **Switch architecture**
Store and Forward
- **Fiber parameters**
Fiber Core
Multi-Mode (62.5/125µm, 50/125µm)
Wavelength
850nm(Multi-mode)
- **LED Indicators**
Power, TX (100/1000Mbps, LK/Act, FDX/COL), Fiber (LK/Act, FDX/COL)
- **DIP Switch**
DIP Switch 1: Fiber Auto-Nego / 1000Mbps Full Duplex mode
DIP Switch 2: TX to Fiber LLF (Link Lose Forwarding) Disable/Enable
DIP Switch 3: Fiber to TX LLF (Link Lose Forwarding) Disable/Enable
- **Physical Specifications**
Power DC9V / 0.7A
Dimension 119 x 85 x 26mm
Operation Temp. 0 ~ 45°C
Operation Humidity 10% to 90% (Non-condensing)
Storage Temp. -10 ~ 70°C
- **Certifications**
EMI: FCC Class A, CE
Safety: UL, cUL
- **Transparent packet**
64 to 1536 Bytes for Non-VLAN Ethernet packet



ProCon Converter GVT-4001

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Ordering Information

GVT-4001 10/100/1000BaseT to 1000SX Converter, SC, Multi-mode 550m



For more information, please contact your LevelOne representative, or visit www.level1.com
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