



1000BaseT to 1000SX SC MultiMode



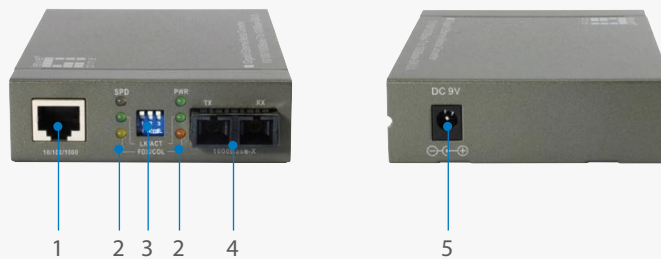
GVT-4001

H/W Version: 2

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 via 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 Loss Forwarding) enables the switch to shut down data transmission when the link connection has failed.



- 1. 10/100/1000Mbps RJ-45 Ports
- 2. LEDs
- 3. Dip Switch
- 4. Multi-Mode SC Connector
- 5. Power

Key Features

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

Works Well With



FVT-4000

10-Slot Media Converter Chassis w/Redundant power supply



GSW-2453

3-slot modularized combo Gigabit Switch

Technical Specifications

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: LLF(Link Loss Forwarding)
Enable/Disable
DIP Switch 2: Pure converter mode/ Switch
converter mode
DIP Switch 3: Reserved

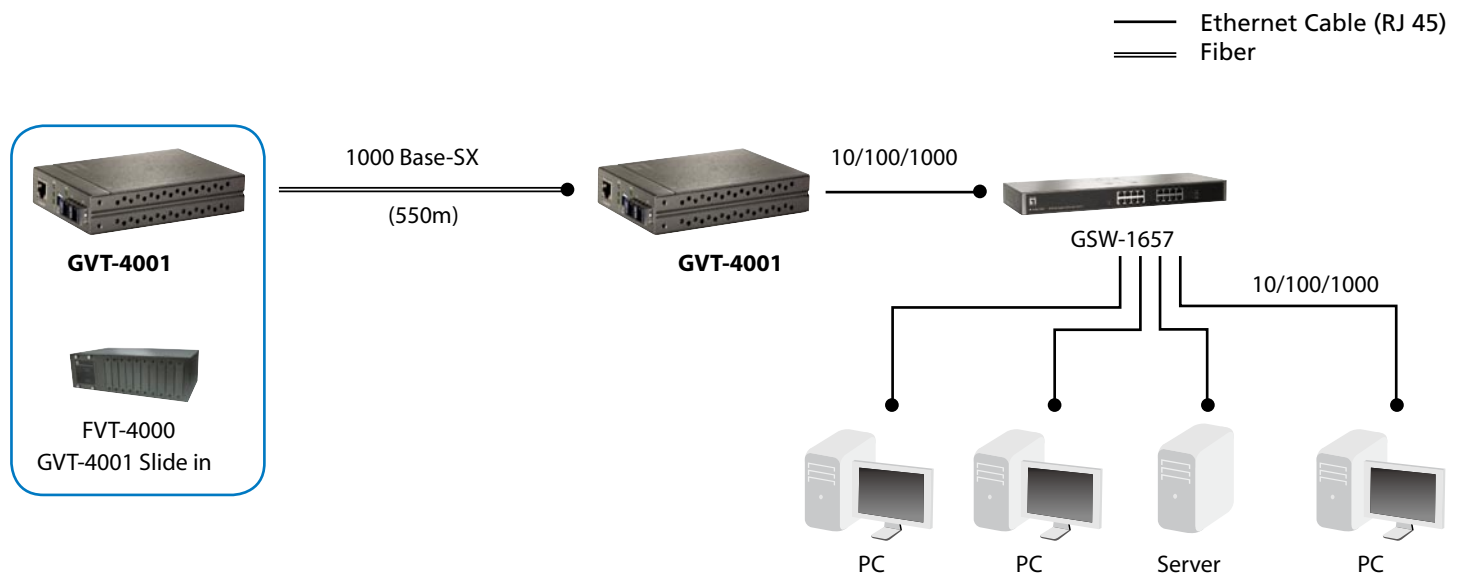
Physical Specifications

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

Product Diagram



Order Information

Package Contents

GVT-4001: 1000BaseT to 1000SX SC MultiMode

GVT-4001
Power Adapter
User Manual