



24 FE PoE Plus + 2 GE with 2 Combo SFP Switch



FGP-2410

H/W Version: 1

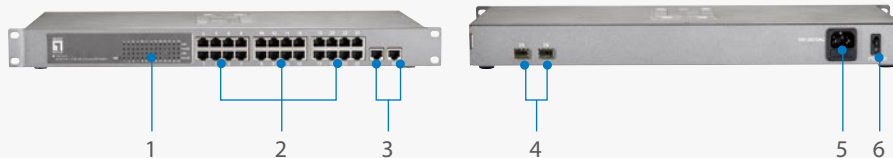
LevelOne FGP-2410 provides 24 10/100Mbps ports with IEEE 802.3at/af PoE supported and plus 2 Gigabit Combo SFP ports. It supports MDI / MDI-X convertible on 24-10/100Mbps ports and provides PoE inject function on PoE ports.

With its 8.8Gbps non-blocking switch fabric, 4K MAC Address table, and 802.3x, full-duplex flow control, the FGP-2410 offers wire-speed packet transfer performance without risks of packet loss.

All 24 Fast Ethernet RJ-45 copper interfaces support 10/100Mbps and 2 Gigabit Ethernet RJ-45 copper interfaces support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ-45

Category 6, 5 or 5e cables. MDI/MDI-X auto detection is provided for direct wire connection to any Ethernet devices like switches, hubs, or workstations without requiring a crossover cables. Through the front panel LED indicators, users can easily tell the network connection status directly from the indicators.

The FGP-2410 also provides a simple, cost-effective, and highly reliable network connection for data and power transmission. Furthermore, it is the ideal device for bridging among Ethernet, Fast Ethernet workgroups and networks. It fits all kind of Ethernet installations such as campus, workgroup, department, enterprise, telecom or industrial applications.



1. LEDs
2. 10/100Mbps RJ-45
3. 10/100/1000Mbps RJ-45
4. SFP (Mini-GBIC) slot
5. Power Socket
6. Power On / Off Switch

Key Features

- Comply with IEEE 802.3, IEEE 802.3u 10/100Base-TX, IEEE 802.3ab 1000Base-T Ethernet Standard
- Auto-MDI/MDI-X detection on each RJ-45 port
- Prevents packet loss with back pressure (half-duplex) and 802.3x flow control (full-duplex)
- High performance Store and Forward architecture
- Provide 8.8Gbps switch fabric, non-blocking switch architecture
- 4K MAC address table, automatic source address learning and ageing
- 19-inch rack mount with holder

Related Products



FEP-1612
16-Port Fast Ethernet PoE Plus Switch



FGP-2412
24 FE PoE Plus + 2 GE with 2 Combo SFP Switch

Technical Specifications

Hardware Specification

24x 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports
 2x 10/100/1000Base-T RJ-45 Auto-MDI/MDI-X ports
 2x 1000Base-FX SFP Slots
 Dimensions (W x D x H): 440 x 200 x 44 mm, 1U height
 Weight: 3.8 kgs
 Power Requirement: 100~240V AC, 50-60 Hz, 0.5A
 Power Consumption: 250w

Software Specification

Switch Processing Scheme: Store-and-forward
 Throughput (packet per second): 6.547Mpps
 Switch Fabric: 8.8Gbps
 Address Table: 4K entries
 Share data Buffer: 2.5Mbit
 Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex

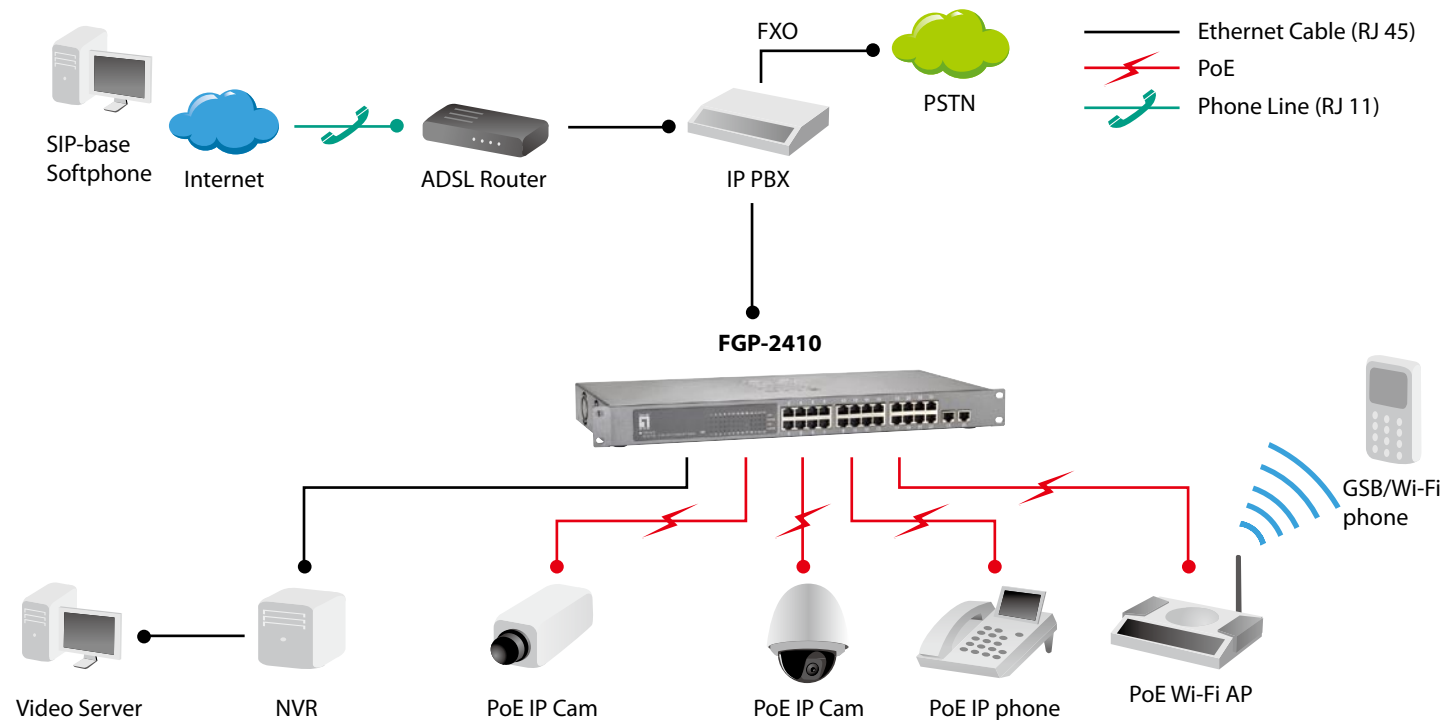
Power over Ethernet

IEEE 802.3at/af Power over Ethernet / PSE
 PoE Power Output: Per Port Max. 15.4 watts (802.3af) or 30 watts (802.3at)
 Power Pin Assignment: 1/2(+), 3/6(-)
 Power Budget: Max. 240w

Standards Conformance

FCC Part 15 Class A, CE
 IEEE 802.3 (Ethernet)
 IEEE 802.3u (Fast Ethernet)
 IEEE 802.3ab(Gigabit Ethernet)
 IEEE 802.3x (full-duplex flow control)
 IEEE 802.3af Power over Ethernet
 IEEE 802.3at Power over Ethernet Plus

Product Diagram



Order Information

Package Contents

FGP-2410: 24 FE PoE + 2 GE with 2 Combo SFP Switch

FGP-2410

Rubber Feet x 4

19" Racket Mount Bracket x 2

Power Cord

Quick Installation Guide

Optional Accessories



GVT-0300
1.25Gbps SFP Transceiver,
Duplex LC connector (550m)



GVT-0301
1.25Gbps SFP Transceiver,
Duplex LC connector (10km)



GVT-0302
1.25Gbps SFP Transceiver,
Duplex LC connector (80km)



SFP-3001
1.25Gbps SFP Transceiver,
Duplex LC connector (550m)



SFP-3211
1.25Gbps SFP Transceiver,
Duplex LC connector (10km)



SFP-3611
1.25Gbps SFP Transceiver,
Duplex LC connector (80km)



SFP-3111
1.25Gbps SFP Transceiver,
Duplex LC connector, MLX
(2km)



SFP-3411
1.25Gbps SFP Transceiver,
SM, EZX, Duplex LC
connector (120km)



SFP-3711
1.25Gbps SFP Transceiver,
SM, EZX, Duplex LC
connector (120km)



SFP-9221
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (10km)



SFP-9231
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (10km)



SFP-9321
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (20km)



SFP-9331
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (20km)



SFP-9421
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (40km)



SFP-9431
1.25Gbps Bi-Di SFP
Transceiver, SM, Simplex LC
connector (40km)

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