FGP-2412 Version: 1

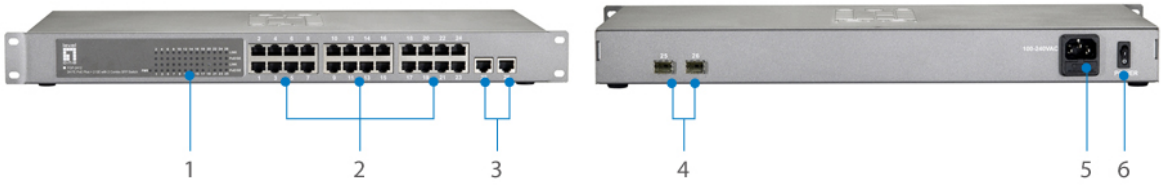


24 FE PoE-Plus + 2 GE Combo SFP Switch, 480W

LevelOne FGP-2412 provides 8 10/100Mbps ports with IEEE 802.3at PoE supported and 16 10/100Mbps ports with IEEE 802.3af PoE supported and plus 2 Gigabit Combo SFP ports. It supports MDI / MDI-X convertible on 24-10/100Mbps ports and provides PoE injector 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-2412 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-2412 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

- 24 PoE-Plus Fast Ethernet ports and 2 Gigabit combo (RJ-45/SFP) ports
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 4K MAC address auto-learning and auto-aging
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 19-inch metal housing

- Total PoE power budget: 240W (port 1 - 8); 240W (port 9 - 24), up to 30W per port
- Internal power supply

Related Product



FGP-2410
24 FE PoE-Plus + 2 GE Combo SFP Switch, 240W

Specifications

System Specifications

Buffer Memory (KB):
352KB

Connectors and Cabling:
24 x 10/100Base-TX RJ-45 PoE Ports
2 x 10/100/1000Base-T RJ-45 Ports with 2 shared 1000Base-X SFP Slot

Button:
Power On/Off Switch

Indicator:
Power; Link/Active; PoE

Transmission Method:
Store-and-Forward

Power:
Power Consumption: < 500W
Power Input: 100-240V AC, 50-60 Hz, 5A, Internal Power Supply

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ab 1000BASE-T, Gigabit Ethernet
IEEE 802.3x Full-duplex Flow Control
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet Plus (PoE+)

Features

PoE:
Power Budget: Max. 240W (port 1 - 8); 240W (port 9 - 24)
Power Output: 56V DC, up to 30W per port
Protection: PoE over current & PoE circuit sorting protection, PD classification identity
Pin Assignment: 1/2(+), 3/6(-)

Performance

Backplane (Gbps):
8.8Gbps

MAC Address Table:
4K

Data Transfer Rate:
10/100/1000Mbps

Packet Forwarding Rate:

1000Mbps port - 1,488,000pps
100Mbps port - 148,000pps
10Mbps port - 14,880pps

Environment

Temperature (°C):
Operating: 0°C ~ 45°C
Storage: - 40°C ~ 70°C

Humidity (Non-condensing):
Storage: 10% ~ 90%
Operating: 10% ~ 90%

Physical Specifications

Dimensions (W x D x H mm):
200 x 480 x 44 mm

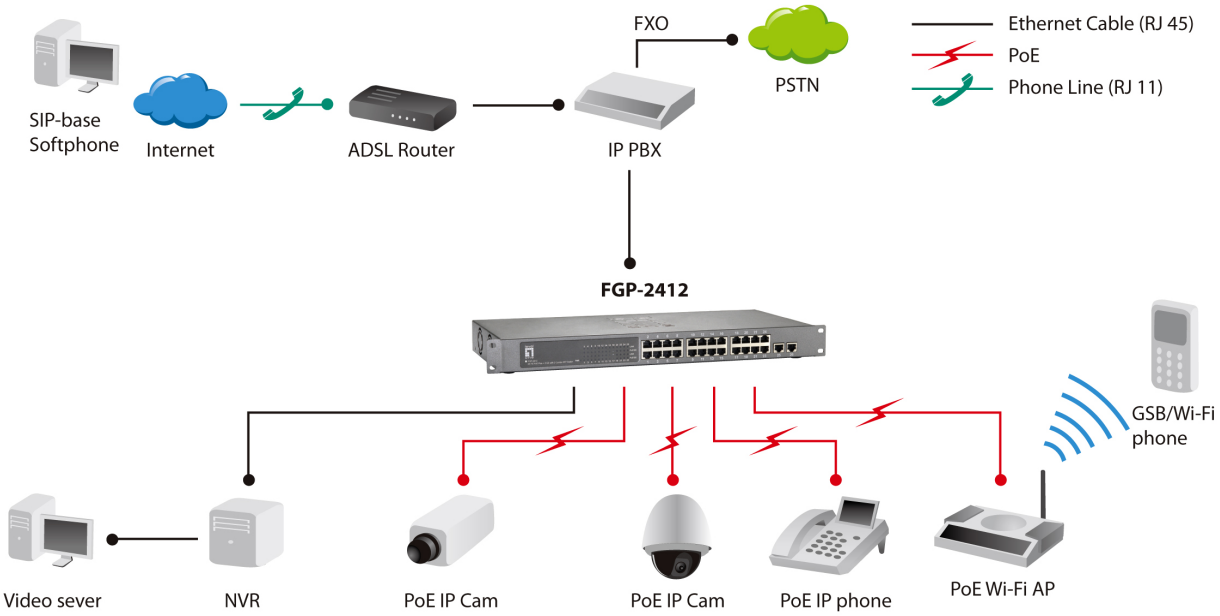
Weight (g):
3850 g

Others

Approval and Compliance:
FCC, CE

Deployment:
Desktop and 19-inch rack-mountable

Diagram



Order Information

FGP-2412

Package Contents

Power Cord
Rubber Feet
Quick Installation Guide

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