

FGP-1000 Version: 1



## 8 FE PoE + 1 GE + 1 GE SFP Switch, 120W

FGP-1000 is a 8-port 10/100Mbps Fast Ethernet Switch with Power over Ethernet (PoE) capability. With 8 dip switches, each PoE port can be manually set for On-Off control. FGP-1000 supports up to 30W on each LAN port when the DIP switch is in the ON position. Using a LevelOne PoE repeater, it is possible to extend the connection a further 100 meters, or even daisy-chain several PoE repeaters together for greater distances. Dual 10/100Mbps ports can connect with other edge switches or NVR as uplink ports.



1. LED Indicators
2. PoE Dip Switch
3. 10/100Mbps RJ-45 PoE Ports
4. 10/100Mbps RJ-45 Port

5. 100/1000Mbps SFP Slot
6. Power Port
7. Wall-Mountable

### Key Features

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- PoE on/off control per port by dip switches
- Total PoE power budget: 120W, up to 30W per port
- Simple Plug and Play installation

### Specifications

#### System Specifications

Buffer Memory (KB):

512KB

Connectors and Cabling:



8 x 10/100Base-TX RJ-45 PoE Ports  
1 x 10/100/1000Base-T RJ-45 PoE Port  
1 x 100/1000Base-T SFP Slot

**Button:**

PoE Power On/Off Switch

**Indicator:**

Power, Active, 10/100/1000M, PoE

**Transmission Method:**

Store-and-Forward

**Power:**

Power Consumption: < 120W

Power Input: 100-240V AC, 50-60 Hz, 52VDC out, External 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

## Features

**PoE:**

Power Budget: Max. 115W

Power Output: 52V DC, up to 30W per port

Protection: PoE over current & PoE circuit sorting protection,

Pin Assignment: 4/5(+), 7/8(-)

## Performance

**Backplane (Gbps):**

5.6Gbps

**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):**

188 x 118 x 38 mm

**Weight (g):**

1200g

## Others

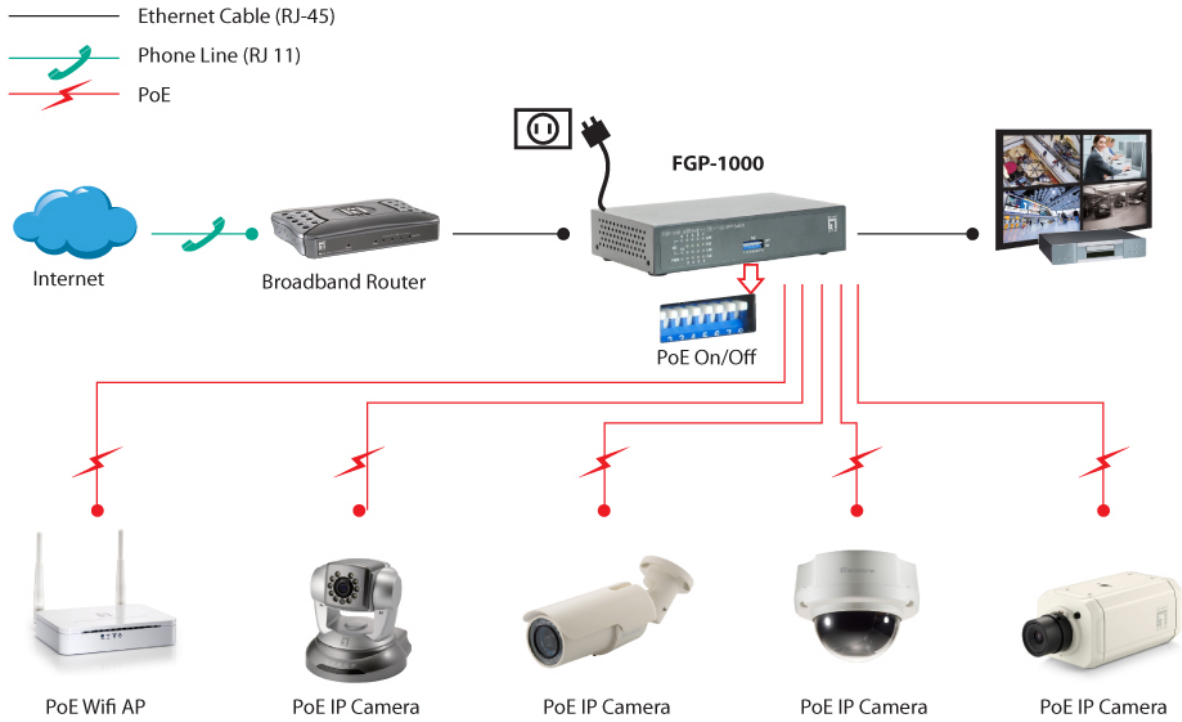
Approval and Compliance:

FCC, CE

Deployment:

Desktop

## Diagram



## Order Information

FGP-1000

## Package Contents

Power Adapter

User Manual

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