

FGP-1000 Version: 1



## 10-Port Fast Ethernet PoE Switch, 1 x Gigabit RJ45, 1 x Gigabit SFP, 9 PoE Outputs

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
- Simple Plug and Play installation

### Specifications

#### System Specifications

##### 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

**Buffer Memory:**

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-X SFP Slot

**Button/Knob:**

PoE Power On/Off Switch

**Indicator:**

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

**Transmission Method:**

Store-and-Forward

**Power Input:**

56VDC

**Power Consumption:**

< 65W (FGP-1000W65)

< 90W (FGP-1000W90)

< 120W (FGP-1000)

## Features

**PoE:**

Power Budget: MaX. 57W (FGP-1000W65)

Max. 82W (FGP-1000W90)

Max. 115W (FGP-1000)

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%

**Deployment:**

Desktop

## Physical Specifications

Dimensions (W x D x H mm):

188 x 118 x 38 mm

Weight (g):

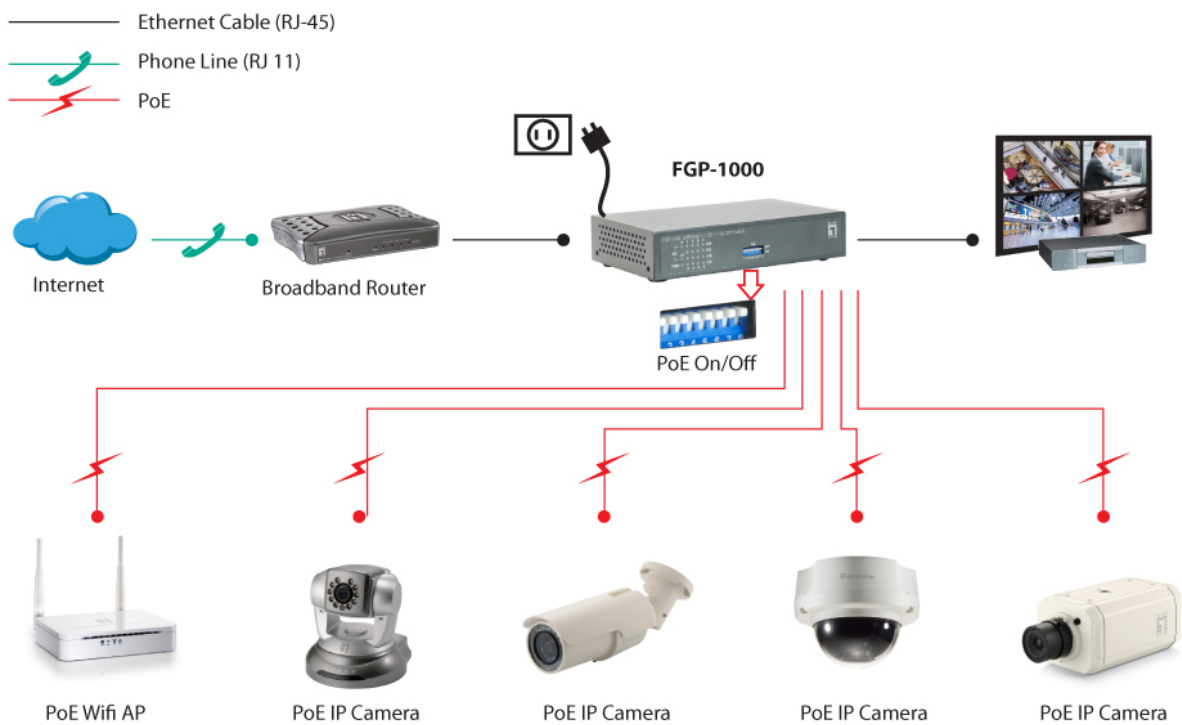
1200g

## Approval and Compliance

EMI/EMS:

FCC, CE, RoHS

## Diagram



## Order Information

FGP-1000: 120W

FGP-1000W90: 90W

FGP-1000W65: 65W

## Package Contents

FGP-1000

Power Adapter

User Manual

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