



## 26-Port Fast Ethernet PoE Switch, 24 PoE Outputs, 2 x Gigabit SFP

The LevelOne FGP-2602 series are unmanaged PoE switches with 24 RJ45 PoE ports. The switches are IEEE 802.3af/at compliant, providing power and data over a single Ethernet cable to any PoE device, with a total power budget of 150/250/380/500/630W, or up to 30W per port. Ideal for desktops, they are also 19-inch rack-mountable, which provides convenient and flexible installation. The FGP-2602 switches are designed for small-to-medium businesses that require an affordable solution for deploying PoE infrastructure.

### Key Features

- IEEE 802.3af PoE compliant to simplify deployment and installation
- Power protection: OVP/OCP/OTP
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- PoE on/off control per port by dip switches
- 19-inch metal housing

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3 10-BASE-T (Ethernet)  
IEEE 802.3u 100-BASE-TX (Fast Ethernet)  
IEEE 802.3z 1000Base SX/LX  
IEEE 802.3x Flow Control (full-duplex flow control)  
IEEE 802.3af Power over Ethernet  
IEEE 802.3at Power over Ethernet Plus

##### Memory:

MX25L4005AMC-12G

##### Buffer Memory:

512Kbit

##### Port:

24 x 10/100Base-TX RJ-45 PoE Ports  
2 x 10/100/1000Base-T SFP Ports

##### Button/Knob:

POWER Button

**Indicator:**

Power, Uplink, LAN 1~24 port, PoE 1~24 port

**Transmission Method:**

10Base T Cat. 3, 4, 5 UTP/STP  
100Base TX Cat. 5 UTP/STP  
1000Base TX Cat. 5e/6/7 UTP/STP

**Power Input:**

AC Power input(100V~240V), 50-60 Hz

**Power Output:**

Per Port 56VDC, Max. 30 watts (802.3at)

**Power Consumption:**

150W/250W/380W/500W/630W

**Backplane (Gbps):**

8.8Gbps

**MAC Address Table:**

4K

**Data Transfer Rate:**

10/100/1000Mbps

## Features

**PoE:**

IEEE 802.3at/af Power over Ethernet/PSE Mode B

## Performance

**Packet Forwarding Rate:**

10Mbps 14880pps,  
100Mbps 148800pps,  
1000Mbps 1488000pps

**Jumbo Frame (K):**

10K

**Switching Capacity:**

8.8Gbps

## Environment

**Temperature (°C):**

Operating: 0° ~ 50°C  
Storage: -20 to 70 °C

**Humidity (Non-condensing):**

Operating: 10 ~ 90%  
Storage: 10 ~ 90%

**Installation:**

Rackmount

## Physical Specifications

**Dimensions (W x D x H mm):**

480x118x44

**Weight (g):**

2.5kg

## Reliability

### MTBF:

50khours (5 years)

## Approval and Compliance

### EMI/EMS:

#### EMI:

EN55032:2012+AC:2013

EN55022:2010+AC:2011

AS/NZS CISPR 22 Amdt. (2010)

EN61000-3-2:2014

EN61000-3-3:2013

#### EMS:

EN55024:2010

IEC61000-4-2:2008

IEC61000-4-3:2006+A1:2007+A2:2010

IEC61000-4-4:2012

IEC61000-4-5:2005

IEC61000-4-6:2013

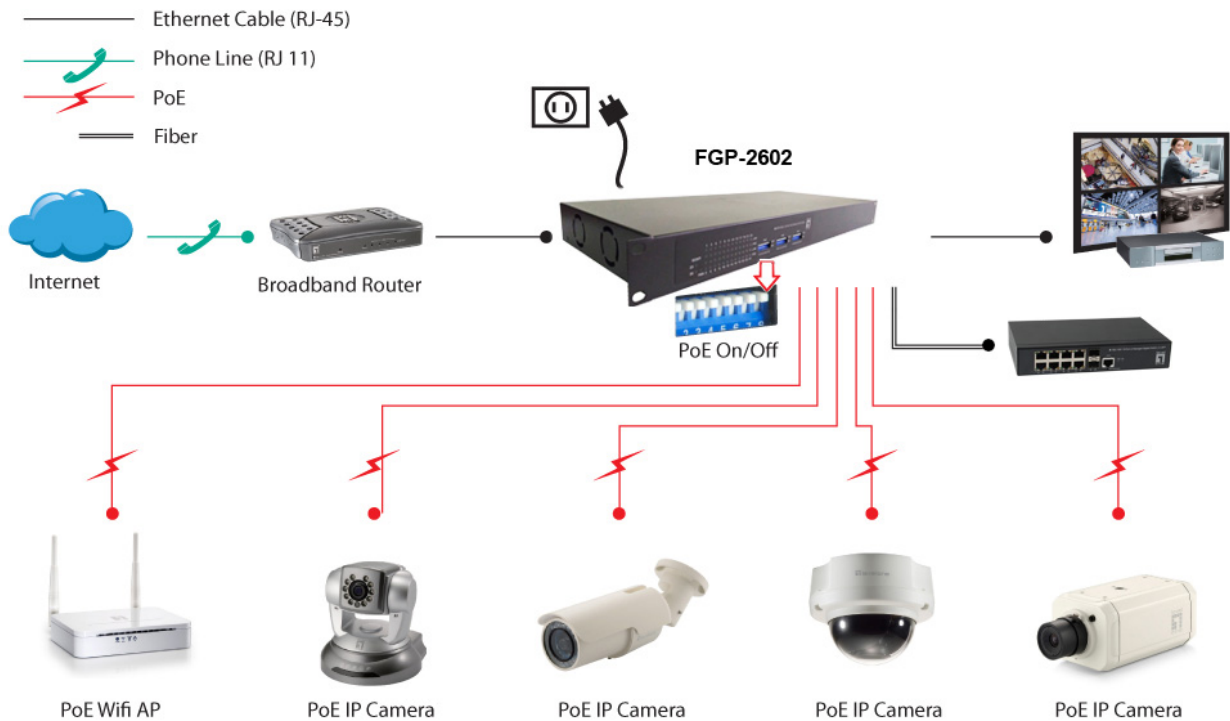
IEC61000-4-8:2009

IEC61000-4-11:2004

### Safety:

FCC Class A, CE

## Diagram



## Order Information

FGP-2602W150: 150W

FGP-2602W250: 250W

FGP-2602W380: 380W

FGP-2602W500: 500W

FGP-2602W630: 630W

[www.level1.com](http://www.level1.com)



## Package Contents

FGP-2602W150

Power Cord

User Manual

No liability or responsibility for any errors or omissions in the content.  
Specifications are subject to change without notice.  
All mentioned brand names are registered trademarks and property of their owners.  
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.