



FGP-2602W150 Version: 1



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

- 24 Fast Ethernet PoE ports and 2 Gigabit SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Overvoltage/overcurrent/overtemperature protection
- 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

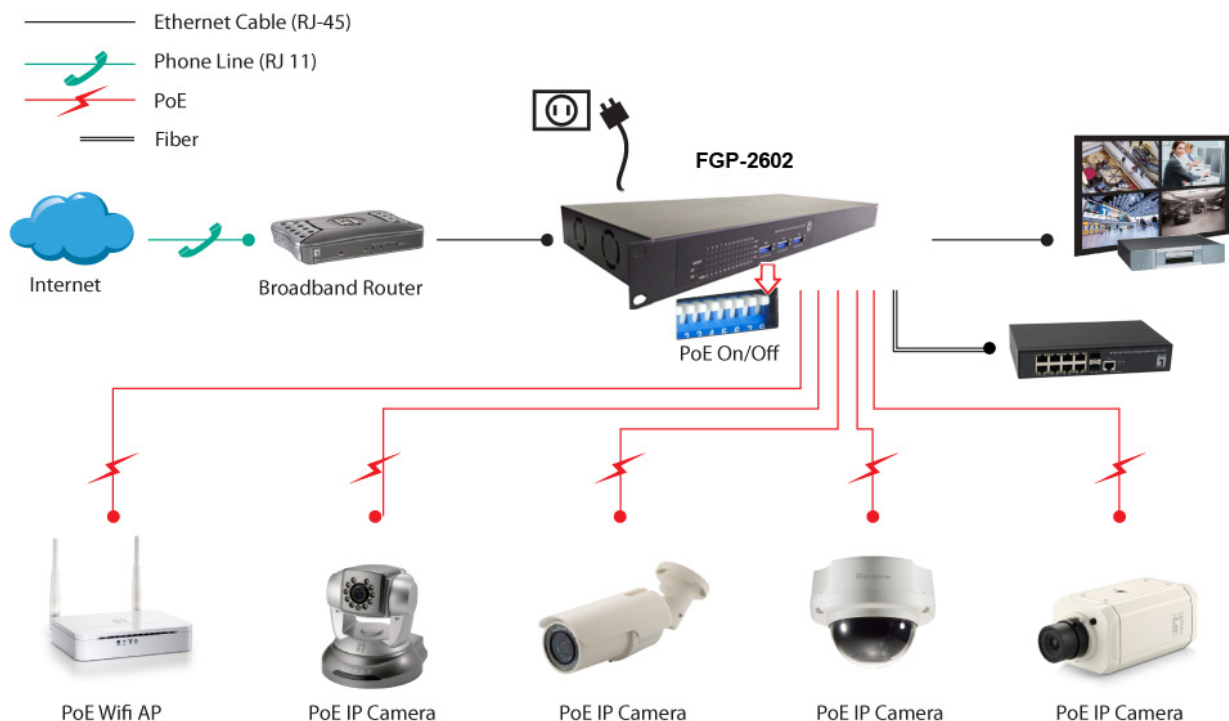
IEC61000-4-8:2009

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



Package Contents

FGP-2602W150

Power Cord

User Manual

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