



IGP-0802 [?] [?] [?] [?]: 1

## 8-Port Gigabit PoE Industrial Switch, 8 PoE Outputs, 802.3at PoE+, 200W, -40°C to 75°C

The LevelOne IGP-0802 is 10/100/1000M industrial 8 port high power POE switch is equipped with 8 port 30Watts PSE. It is designed for 48-56VDC input sources, especially for IP surveillance, traffic monitoring and for a broad range of applications. It can be used as a stand-alone device for buses, trucks, and other vehicles for Surveillance purposes. It is being rigorously tested for your Security, Transportation and Telco application.

### Key Features

- PoE ports can support the IEEE 802.3at standard and power up 30W devices
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- [?] [?]: -40°C ~ 75°C
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block



### System Specifications

#### Standards & Protocols:

IEEE 802.3 10Base-T Ethernet  
 IEEE 802.3u 100Base-TX Fast Ethernet  
 IEEE 802.3ab 1000Base-T Gigabit Ethernet  
 IEEE 802.3z 1000Base-X Gigabit Ethernet  
 IEEE802.3x Flow Control and Back Pressure,  
 IEEE802.3af for POE  
 IEEE802.3at for POE+

#### Buffer Memory:

1M

#### Connectors and Cabling:

8 x RJ-45 10/100/1000BaseT(X) auto negotiation,  
 8 x Giga POE+ 802.3at/af PSE port  
 Auto MDI/MDI-X function, Full/Half duplex

#### Indicator:

Per Unit: Power  
 Per Port: Ethernet Link, PoE Status

**Transmission Method:**

Store & Forward

**Power Input:**

Redundant Dual DC 48V-56V Power Input

POE input 48-56VDC

5.76W@48 VDC full load, Without POE

## Features

**General:**

1000Base-T, 100 Base-Tx, 10Base-T Ethernet

8 Port PoE Output

**PoE:**

POE power per port 30watts. Maximum 36Watts

Maximum total power 200Watts with 56VDC input, Supports IEEE802.3af/at

**Ease of Use:**

Plug & Play

## Performance

**Backplane (Gbps):**

16G bps

**MAC Address Table:**

8K

**Packet Forwarding Rate:**

1488000 bps

**Jumbo Frame (K):**

9K Bytes

## Environment

**Power Saving:**

Green Ethernet

**Temperature (°C):**

-40°C ~ 75°C

**Humidity (Non-condensing):**

5% to 95%

## Physical Specifications

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

142 x 105 x 36.2

**Weight (g):**

525

## Reliability

**MTBF:**

510,304 hrs ( MIL-HDBK-217F) at 25°C

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## Order Information

IGP-0802

## Package Contents

IGP-0802

Power Terminal Block

Mounting Kit

User Manual

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