



IGP-0802 Version: 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 to 75°C operating temperature range
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block

### Specifications

#### 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

**Approval and Compliance****EMI/EMS:**

FCC,CE,VCCI

**Safety:**

EN60950-1

**Environmental Test:**

EN60068(Vibration,Shock,Free Fall)

---

**Order Information**

IGP-0802

---

**Package Contents**

IGP-0802

Power Terminal Block

Mounting Kit

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.