



IGP-0801 Version: 1

## 8-Port Gigabit PoE Industrial Switch, 4 PoE Outputs, 802.3af/at PoE, 126W, -40°C to 75°C

The LevelOne IGP-0801 is 10/100/1000M industrial 8 port high power POE switch is equipped with 4 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
- Provides DIN-rail, wall or desktop mounting
- IP30 metal case
- Redundant power inputs with Terminal Block
- -40°C to 75°C operating temperature range

### 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 10/100/1000 BaseT(X) auto negotiation,  
4 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 44V-56V Power Input

POE input 44-56VDC

**Power Consumption:**

5.76W@48 VDC full load, Without POE

**Features****General:**

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

4Port PoE Output

**PoE:**

POE power per port 30watts. Maximum 36Watts

Maximum total power 126Watts 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

## Order Information

IGP-0801

---

## Package Contents

IGP-0801

Power Terminal Block

User Manual

Wall Mount Kit

Din-rail Mount Kit

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.