



IGP-0802 Version: 1

! Power supply unit is to be ordered separately.

8-Port Gigabit PoE Industrial Switch, 8 PoE Outputs, 802.3at/af 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

- Total PoE power budget: 200W, up to 30W per port
- 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

Port:

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

Backplane (Gbps):

16G bps

MAC Address Table:

8K

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

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

User Manual

Wall Mount Kit

Din-rail Mount Kit