IGP-0802 Version: 1



8-Port Gigabit PoE Industrial Switch, 8 PoE Outputs, 802.3af/at 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
User Manual
Wall Mount Kit
Din-rail Mount Kit

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