



IFP-0801 Version: 1

8-Port Fast Ethernet PoE Industrial Switch, 4 PoE Outputs, 802.3at PoE+, 126W, -40°C to 75°C

The LevelOne IFP-0801 is 10/100M 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
- 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 and DC Jack

Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10Base-T Ethernet
 IEEE 802.3u 100Base-TX Fast 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 10/100BaseT(X) auto negotiation,
 4 x 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:

100 Base-Tx, 10Base-T Ethernet
4 Port 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):

1.6G bps

MAC Address Table:

1K

Packet Forwarding Rate:

148800 bps

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:

EMI: FCC Part 15 Subpart B Class A
CE EN 55022 Class A
EMC: EN55022, EN55024

Safety:

IEC EN60950-1

Environmental Test:

EN50155/EN60068-2-6

EN50155/EN60068-2-27

EN50155/EN60068-2-32

Order Information

IFP-0801

Package Contents

IFP-0801

Power Terminal Block

Mounting Kit

User Manual