



IFP-0801 Version: 1

## 8-Port Fast Ethernet PoE Industrial Switch, 4 PoE Outputs, 802.3at/af 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

**Backplane (Gbps):**

1.6G bps

**MAC Address Table:**

1K

## 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

**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

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## Order Information

IFP-0801

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## Package Contents

IFP-0801  
Power Terminal Block  
User Manual  
Wall Mount Kit  
Din-rail Mount Kit