



IGP-0101 Version: 1

## Industrial Gigabit PoE+ Injector, 36W, 802.3at PoE+

The LevelOne IGP-0101 is rugged designed 30 Watts, high power Single port industrial POE Injector is equipped with our high efficiency ColdDesign technology to provide 30 Watts power to your security equipment. The ColdDesign technology will not only power up your PD device, also reduce the excessive heat problem to a minimum. It accepts the input voltage from 48~56 VDC to deliver 30Watts power to meet IEEE802.3af/at standard. 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  
 IEEE802.3af for POE  
 IEEE802.3at for POE+

##### Connectors and Cabling:

1x10/100/1000M TX PSE  
 1x10/100/1000M TX

##### Button/Knob:

N/A

##### Indicator:

PW1(power 1) Green: ON- power good, OFF-power failed  
 PW2(power 2) Green: ON- power good, OFF-power failed  
 POE Yellow: ON- POE Normal working,  
 FLASH- Overload,  
 OFF- NO POE power detected



#### Power Input:

2 Redundant power source  
48V~56V VDC Power Input

### Features

#### PoE:

1 W@48 VDC full load, Without POE  
Maximum POE power 36watts at 56VDC input

### Environment

#### Temperature (°C):

Operating: -40~75  
Operating: -40~85

#### Humidity (Non-condensing):

Storage: 5% ~ 95%  
Operating: 5% ~ 95%

#### Deployment:

Desk, din rail, wall mount

### Physical Specifications

#### Dimensions (W x D x H mm):

103.5mmx32mmx81.5mm

#### Weight (g):

370

### Reliability

#### MTBF:

510,304 hrs

### Approval and Compliance

#### EMI/EMS:

CE, FCC, RoHS, VCCI, Safety EN60950-1  
EN55022/24, EN50155, EN55011, EN50121-3-2  
EN60068-2-7, EN60068-2-27, EN60068-2-32

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### Order Information

IGP-0101

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### Package Contents

IGP-0101  
Power Terminal Block  
Mounting Kit  
User Manual

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