



IGP-0102 Version: 1

## Industrial Gigabit POE Injector, 802.3at PoE+, 36W, Power input 12-56V DC

The LevelOne IGP-0102 is Super Voltage Booster 30 Watts, high power Single port industrial POE Injector is equipped with our high efficiency ColdDesign technology which allows low input voltage, such as 12/24/48/56 VDC be boost up to 55 VDC to provide 30 Watts power to your security equipment. The ColdDesign technology will not only boost up Input Voltage, also reduce the excessive heat problem to a minimum. It accepts the input voltage as low as 12~56 VDC to boost up to 55V to meet IEEE802.3af/at required voltage. It is being rigorously tested for your Security, Transportation and Telco application.

### Key Features

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### 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+

##### Port:

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

##### 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  
 12V~56V VDC Power Input

### Features

##### PoE:

1 W@12/24/48 VDC full load, Without POE  
 1 W@12/24/48 VDC full load, Without POE



## Environment

### Temperature (°C):

Operating: -40?~75?

Operating: -40?85?

### Humidity (Non-condensing):

Storage: 5% ~ 95%

Operating: 5% ~ 95%

### Installation:

Desk, din rail, wall mount

## Physical Specifications

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

103 X 32 X 81.5

### Weight (g):

140

## Approval and Compliance

### EMI/EMS:

CE, FCC, RoHS, VCCI

EN55022/24, EN50155, EN55011, EN50121-3-2

EN60068-2-7, EN60068-2-27, EN60068-2-32

### Safety:

EN60950-1Ç

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## Order Information

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## Package Contents

IGP-0102

Power Terminal Block

User Manual

Wall Mount Kit

Din-rail Mount Kit