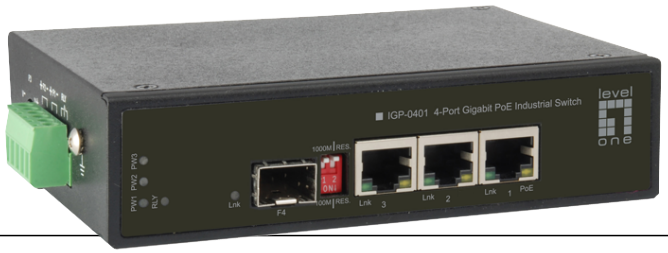
IGP-0401 Version: 1



Power supply unit is to be ordered separately.

4-Port Gigabit PoE Industrial Switch, 2 PoE Outputs, 1 x Gigabit SFP, 1 x Gigabit RJ45, 65W

This IGP-0401 Industrial 4 port Gigabit Ethernet Switch is equipped with two PoE ports. The PSE ports are critical for your PD environment. They will not only perform your network job, but also provide PSE power to your PD WiFi or IP CAM applications. This product has been rigorously tested in harsh environment. These PSE ports can be powered by 48-56 VDC input voltage. The additional Gigabit TX port and Gigabit SFP port can be easily cascaded to extend your existing networks. With its multi- purpose design, it can also be Din-Rail or wall-mounted. It is an ideal unit for Mobile Base Station (BTS), IP surveillance, traffic monitoring and security application in critical environment. It can tolerate -40°C to 75°C in harsh environment to perform a reliable network

Key Features

- 2 Gigabit PoE ports, 1 Gigabit port and 1 Gigabit SFP slot
- Total PoE power budget: 65W, up to 30W per port
- Supports DIN-rail installation
- -40°C to 75°C operating temperature range
- 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+

Port:
3 x RJ-45 10/100/1000BaseT(X) auto negotiation,
1 x 100/1000M SFP
2 x Gigabit 30Watts POE+ 802.3af/at PSE port
1 x Gigabit Tx
Auto MDI/MDI-X function, Full/Half duplex

Indicator:
PW1 (Green): ON-Power is detected
PW2 (Green): ON-Power is detected
PW3 (Amber): ON-Power is detected
RLY (Amber): ON-Connect only PW1 or PW2
OFF-Connect both PW1 and PW2

TX/RJ-45 port:
LNK (Green): ON?TX port is detected
Flashing-TX data is transmitting/receiving
POE (Amber): ON-PSE is activated and PD is detected
OFF-PSE is detecting PD

SFP port (Green): ON-SFP port is detected
Flashing-SFP data is transmitting/receiving

Power Input:
Redundant Dual DC 48V-56V Power Input
POE input 48-56VDC

Power Output:
2 x 30W, Max total power 65 Watts

Power Consumption:
4.0 W@48 VDC full load, Without POE

Backplane (Gbps):
Back-plane (Switching Fabric): 8Gbps

MAC Address Table:
8K

Features

General:
1000Base-T, 100 Base-Tx,
10Base-T Ethernet
2Port PoE Output

PoE:
PoE power per port 30Watts,
Maximum 36Watts
Maximum total power 65Watts with 56VDC input,
Support IEEE802.3af/at

Ease of Use:
Plug & Play

Performance

Packet Forwarding Rate:
1.488 * 4 Mpps

Jumbo Frame (K):
10KB

Environment

Temperature (°C):
-40°C ~75°C fully tested

Humidity (Non-condensing):
5% to 95% (Non-condensing)

Physical Specifications

Dimensions (W x D x H mm):
36.2 x 105 x 142 mm

Weight (g):
520g

Reliability

MTBF:
>500,000 hrs (MIL-HDBK-217F) at 25°C

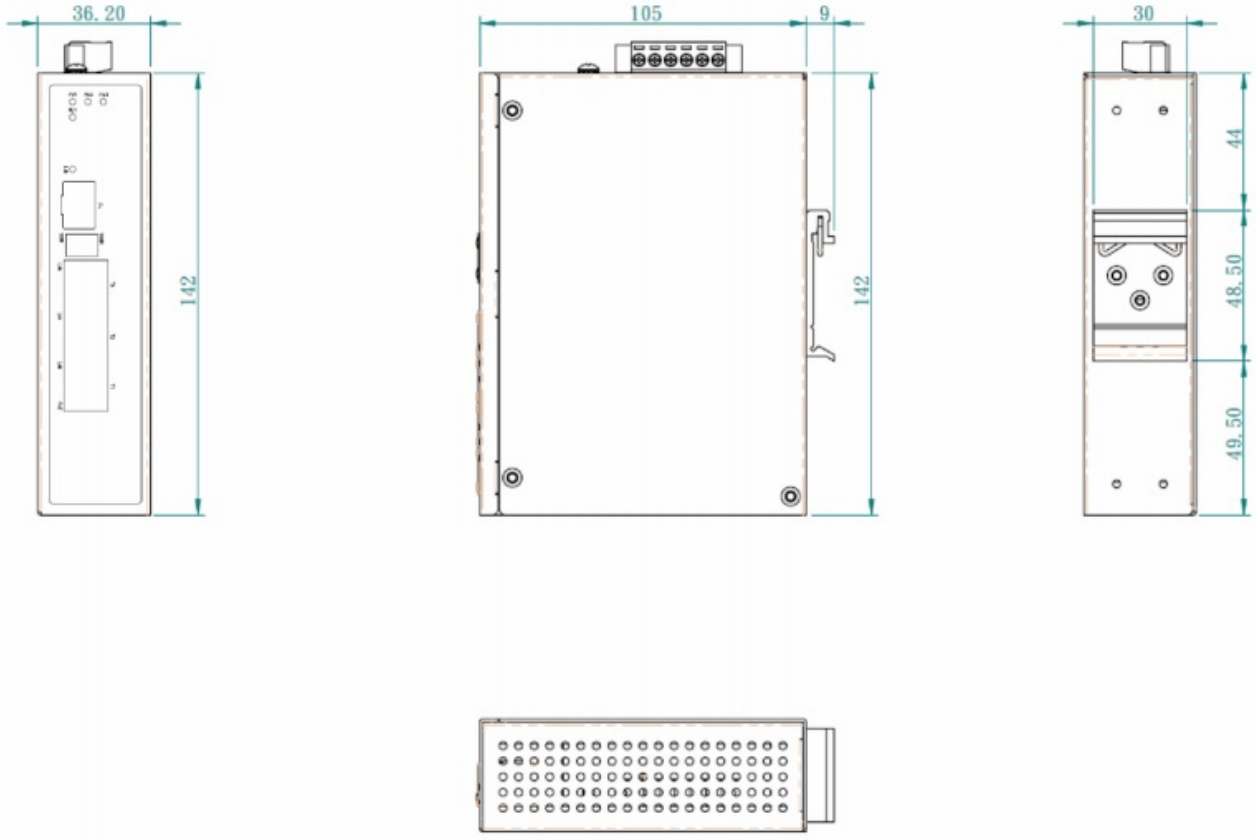
Approval and Compliance

EMI/EMS:
CE, FCC, VCCI
FCC Part 15 Subpart B Class A,
CE EN 55022 Class A

Safety:
IEC EN60950-1

Environmental Test:
EN 60068-2-6
EN 60068-2-27
EN 60068-2-32

Diagram



Order Information

IGP-0401

Package Contents

IGP-0401
User Manual
Din-rail Mount Kit

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