





**Design for harsh industrial environments
 stable and reliable**

- ✓ Industrial Level 4
- ✓ IP40 protection
- ✓ CE,FCC certificated
- ✓ Anti-EMI

10/100/1000M Unmanaged Industrial PoE Switch

LV-GYFP306

Introduction	Image
<p>This unmanaged PoE Industrial Ethernet Switch is designed for critical industrial application, with reliable and simple operation against vibration and shock and other disturbances. It is classified as power source equipment (PSE) and provides up to 30W of power per PoE ports, eliminates the need of additional wiring.</p> <p>With the wide temperature range for operation, this switch meets the requirements of reliability and practicality of network in different kinds of industrial environments.</p>	 

Features & Benefits
6 IEEE 802.3af/at PoE compliance 10/100Base-T(X) ports and 3 1000Base-SX/LX/LH/ZX port
Up to 30W at 48V DC power output on each PoE port
Super lightning protection, IP40 protection
Excellent heat elimination without cooling fan
Redundant dual DC power inputs
--40°C to +85°C operating temperature range

Switch Properties
MAC Table Size: 8K
Packet Buffer Size: 1Mbit
Processing Type: Store and Forward
Exchange Properties: 148800pps (100M)



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Physical Characteristics

Housing: Aluminum Alloy material with IP40 Protection

Dimension: 138mm(L) X 112mm(W) X 60mm(H)

Weight: 640g

Installation: Din-Rail mounting, Wall mounting

Interfaces

6 RJ45 Ports

Comply with IEEE802.3, IEEE802.3u, IEEE802.3af/at PoE,

10/100Base-T(X) auto negotiation speed

Full/Half duplex mode

Auto MDI-MDI-X connection

Up to 100M Cat-5 transmission distance

3 Fiber Port

Comply with IEEE802.3u, 100Base-SX/LX/LH/ZX

Rate: 1000Mbps

Wavelength: 850nm/1310nm/1550nm

Up to 2Km transmission distance with multi-mode

Up to 20Km,40Km,60Km,80Km transmission distance with single-mode

SC/LC interfaces optional



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Power

Input Voltage: 48V DC(44-57VDC), Redundant dual inputs

Input Current: <0.5A @48VDC

Overload Current Protection: Present

Reverse Polarity Protection: Present

Redundant Protection: Present

Connection: 1 removable 6-pin terminal blocks

Environmental Limits

Operating Temperature: -40°C to +85°C

Storage Temperature: -40°C to +85°C

Ambient Relative Humidity: 5% to 95% (non-condensing)



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A photograph of several industrial-grade network switches and routers, stacked and arranged in a row, set against a blue background with a grid pattern.

Standard
Safety: UL 60950-1
EMS: EN61000-4-2 (ESD), Level 3 EN61000-4-3 (RS), Level 3 EN61000-4-4 (EFT), Level 3 EN61000-4-5 (Surge), Level 3 EN61000-4-6 (CS), Level 3 EN61000-4-8, Level 3
Shock: IEC 60068-2-27
Free Fall: IEC 60068-2-32
Vibration: IEC 60068-2-6
EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A
Industry: IEC61000-6-2
Rail: EN50155, EN50121-4
Traffic: NEMA TS-2

Warranty
5 years

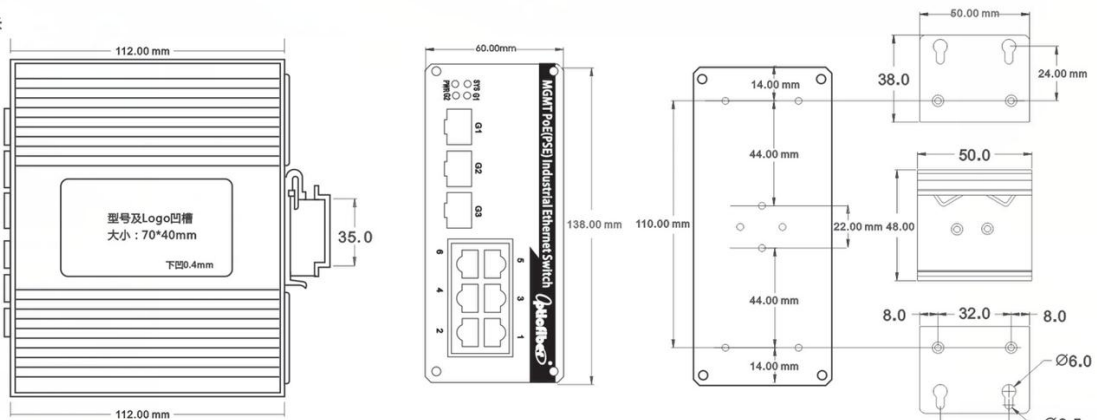


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Dimension

单位:毫米



Models Available	
Model No	Description
LV-GYFP306	3*1000M SFP Slot and 6*10/100M PoE Port