

## 10/100/1000M Industrial PoE Media Converter

### LT-IMC60GP

#### Overview:

LT-IMC60GP is a 1\*1000Base-X & 1\*10/100/1000Base-T Industrial Ethernet PoE media converter. It complies with IEEE802.3af, IEEE802.3at standard PoE protocol, the Max power consumption can reach 30W (PoE+). Through the fan-less heat dissipation circuit design, wide range of working environment temperature -40°C ~ +75°C , high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments

#### Picture





The Real Source Factory of Ethernet Switches

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## Features:

- 1\*1000Base-X SFP port + 1\* 10/100/1000Base-T PoE port
- DC: 48~58V input, redundant power supply with polarity reverse protect function
- Standard and Smart PoE chipset, detecting the PoE and Non-PoE equipments automatically, not burn the Non-PoE equipments and support short-circuit protection
- Complies with IEEE802.3af and IEEE802.3at PoE standard, Single port can support PoE+ 30W
- Support voltage alarm function when under-voltage or over-voltage
- Support restarting the PD remotely if the PD is frozen
- Support 10K Bytes Jumbo frame
- Support 1M large buffer
- Support watchdog and port isolation
- Support star, bus, tree and hybrid network topology
- Support 6KV surge protection and ESD: Air-15kV, Contact-8kV protection
- IP40 fan-less and Din-rail hardware design
- 5 years warranty

## Technical specification

Ports Interface	
Fixed port	1*1000 Base-X SFP + 1*10/100/1000Base-T RJ45 PoE port
Power interface	Phoenix terminal, redundant dual power
LED indicators	PWR, OPT ,NMC, ALM
DIP Switch	
1	Restart the PD remotely
2	Stand/Non-standard PoE Mode
3	VLAN
4	Reset
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Fiber optical port	Depending on the SFP module
Network Topology	
	Support star, bus, tree and hybrid topology
Electrical Specifications	
Input voltage	DC48-58V
Total power consumption	<36W
Voltage Alarm	Support

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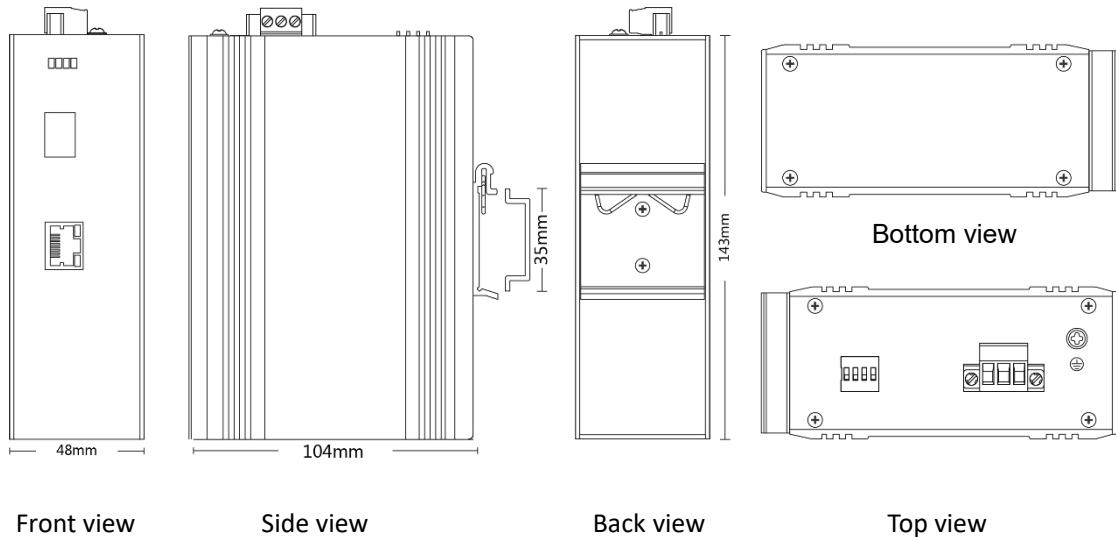
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<b>PoE Support</b>	
PoE port	1
PoE Protocol	IEEE802.3af, IEEE802.3at
Pin Assignment	1/2(+) , 3/6(-)
PoE Mode	Support standard & non-standard
Remote PD Reset	Support
<b>Layer 2 Switching</b>	
Switching capacity	14G
Packet forwarding rate	10.416Mpps
MAC address table	8K
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Jumbo Frame	Support 10Kbytes
Watchdog	Support
Port isolation	Support
<b>Environment</b>	
Operating temperature	-40°C~+75°C
Storage temperature	-40°C~+85°C
Relative humidity	5%~95% non-condensing
Thermal methods	Fan-less, natural cooling
MTBF	100,000 hours
<b>Mechanical Specification</b>	
Dimension	143X104X48mm
Installation method	DIN rail
Weight	Net weight 0.6KG
<b>Protection &amp; Certification</b>	
Case protection level	IP40
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us)
RS	IEC 61000-4-3Level 3 (10V/m)
EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level 4 (30A/m)
DIP	IEC 61000-4-11Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Certification	CE, FCC, RoHS, CCC
<b>Warranty</b>	5 years

## Appearance diagram



Front view

Side view

Back view

Top view

## Order information

Model	Description
LT-IMC60GP	10/100/1000Base-T to 1000Base-X industrial PoE media converter, 1*1000M SFP slot + 1*10/100/1000M RJ45 PoE port, complies with IEEE802.3af, IEEE802.3at standard, DC48-58V, Phoenix terminal, redundant dual power supply, Din-rail installation