

LEP-301M-KIT

Industrial IP30 Ethernet Extender, 1km 10/100mbps
Ethernet PoE Extender (1 Pair)



Features

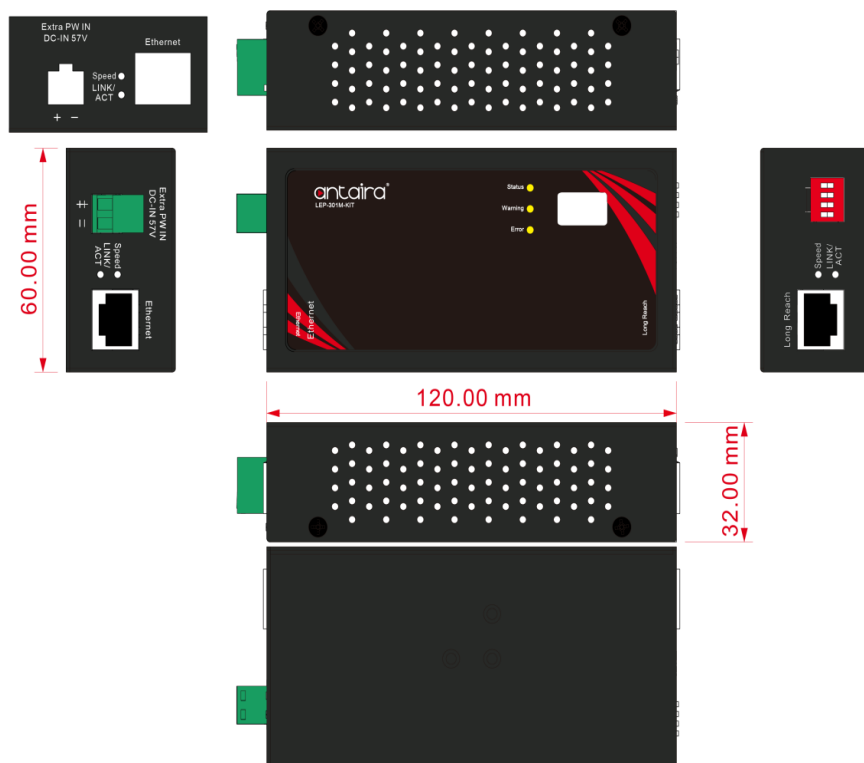
- ▶ Supports Standard IEEE 802.3af/at PoE output
- ▶ Provide IEEE 802.3af/at for the remote PD (powered device)
- ▶ Support MDI/MDI-X Auto-Crossover
- ▶ Support Auto-Negotiation
- ▶ Dual Power Input Design for either PoE (IEEE 802.3af/at), PoE++ (60W), or DC power supply input (54~57V)
- ▶ Support Auto & Manual mode configuration for the Ethernet port
- ▶ Provide the 7-segment digital LED to display current PoE output and diagnostic ID
- ▶ IP30 Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ Operating Temperature Range: 0° to 60°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' **LEP-301M-KIT** contains both LEP-301M-TX and LEP-301M-RX. The former is a long reach transceiver with one PoE PD Ethernet port and one PoE Long Reach injector port, and the latter is a long reach receiver with one PoE Long Reach Extender port and one PoE PSE Ethernet port.

LEP-301M-KIT is greatly beyond 100 meters distance limitation of RJ45 cable. Up to 1km the data and power can be transmitted simultaneously over the UTP cable. This kit is fully compliant with IEEE 802.3, 802.3u, 802.3af/at standards. Operation status can be locally monitored through a set of diagnostic LEDs located in the front and rear panels.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 Ethernet	Housing	Metal, IP30 Protection
	IEEE 802.3u Fast Ethernet	Dimensions	60 x 120 x 32mm
	IEEE 802.3af/at Power over Ethernet	Weight	Unit: 0.64lb
Switch Properties		Mounting	DIN-Rail, Wall-mount (Optional)
Switch Architecture	Store-and-Forward	Power Requirement	
DIP Switch	4-position DIP Switch	Input Voltage	54~57VDC
	- Auto Speed of Ethernet Port	Power Connection	2-Contact Removal Terminal Block
	- Manual Speed of Ethernet Port	PoE Power Output	60W
	- Reserved	Power Consumption	2.5W
	- PSE Mode	Environmental Limits	
Port Interface		Operating Temperature	0°C to 60°C
Ethernet Port	1*Ethernet In (for LEP-301M-TX): 10/100Base-T RJ45 with PoE power received	Storage Temperature	-20°C to 60°C
	1*Long Reach Out (for LEP-301M-TX): RJ45 with PoE power transmitted	Ambient Relative Humidity	5% to 90%, (non-condensing)
	1*Ethernet Out (for LEP-301M-RX): 10/100Base-T RJ45 with PoE power transmitted	Regulatory Approvals	
	1*Long Reach In (for LEP-301M-RX): RJ45 with PoE power received	Free Fall	IEC60068-2-32
LED Indicators	Link/Act, Speed, Status, Warning, Error, and 7-segment Digital Display	Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC Part 15 Class A, CE
		Warranty	5 Years

ORDERING INFO

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660