

# LEP-301M-KIT

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



## Features

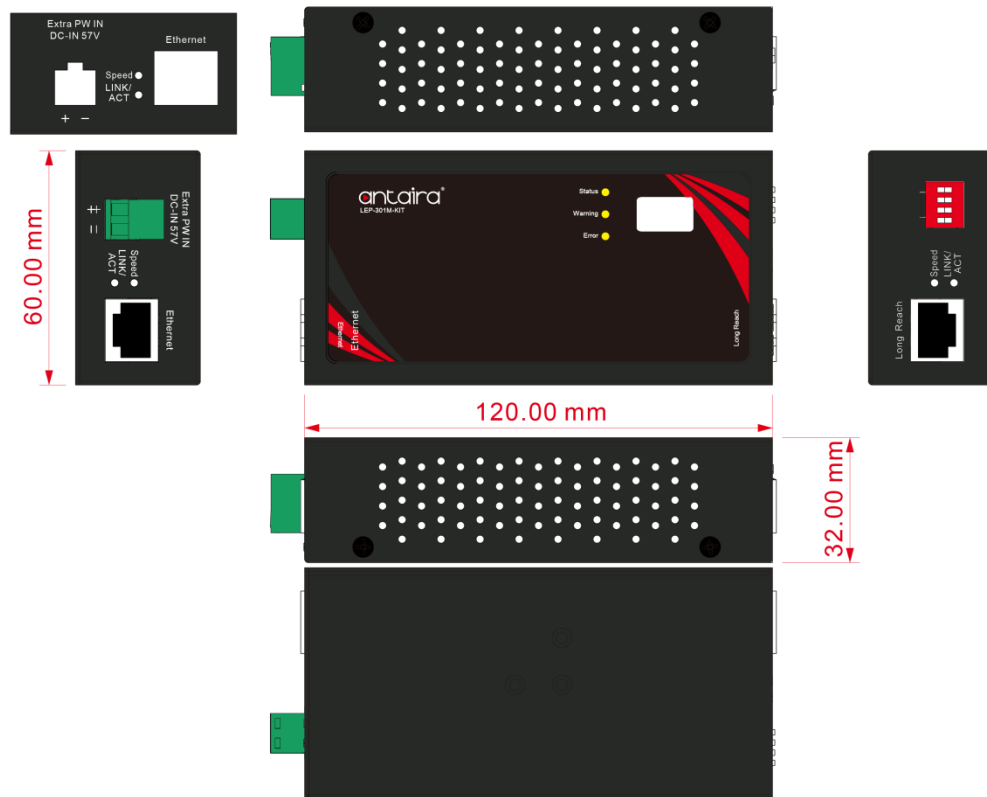
- ▶ Supports Standard IEEE 802.3af/at PoE output
- ▶ Provide IEEE 802.3af/at for the remote PD (powered device)
- ▶ Support MDI/MDI-X Auto-Crossover
- ▶ Support Auto-Negotiation
- ▶ Dual Power Input Design for either PoE (IEEE 802.3af/at), PoE++ (60W), or DC power supply input (54~57V)
- ▶ Support Auto & 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

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

## ORDERING INFO

**LEP-301M-KIT** Industrial IP30 Ethernet Extender, 1km 10/100Mbps Ethernet PoE Extender (1 Pair)