

# LEP-301M-KIT

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



## Features

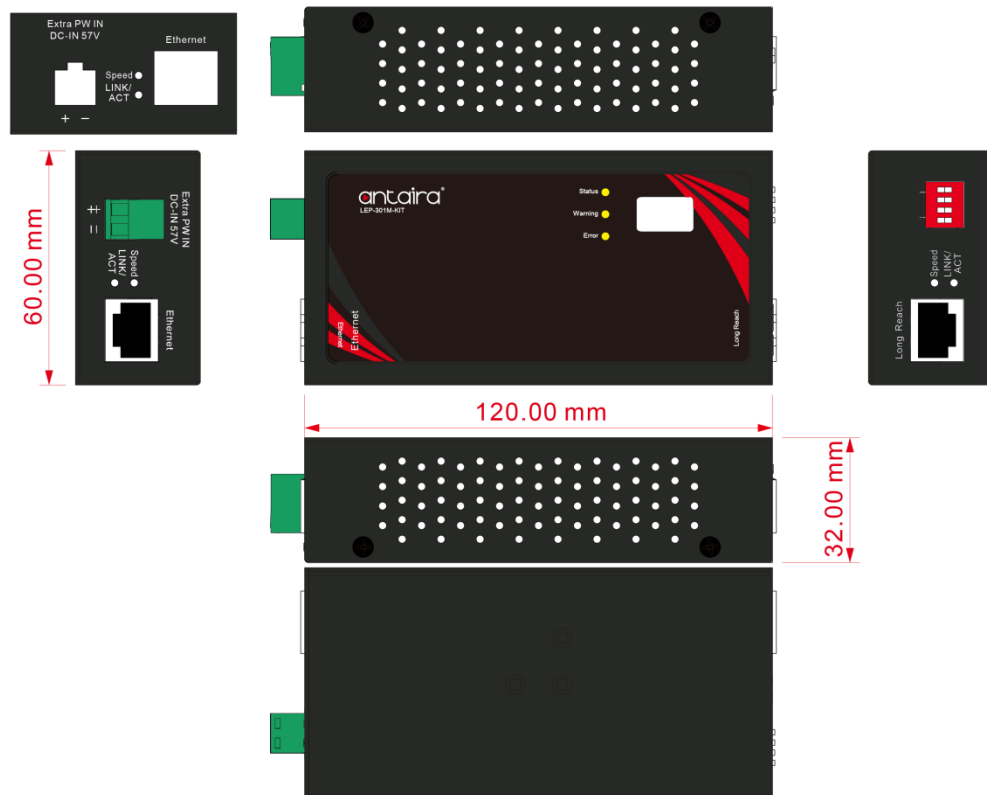
- ▶ Supports Standard IEEE 802.3af/at PoE output
- ▶ Provide IEEE 802.3af/at for the remote PD (powered device)
- ▶ Support MDI/MDI-X Auto-Crossover
- ▶ Support Auto-Negotiation
- ▶ Dual Power Input Design for either PoE (IEEE 802.3af/at), PoE++ (60W), or DC power supply input (54~57V)
- ▶ Support Auto & 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 an long reach transceiver with one PoE PD Ethernet port and one PoE Long Reach injector port, and the latter is an 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
Protocol		Mounting	DIN-Rail, Wall-mount
Switch Properties		Power Requirement	
Switch Architecture	Store-and-Forward	Input Voltage	54~57VDC
DIP Switch	4-position DIP Switch	Power Connection	2-Contact Removal Terminal Block
	- Auto Speed of Ethernet Port	PoE Power Output	60W
	- Manual Speed of Ethernet Port	Power Consumption	2.5W
	- Reserved	Environmental Limits	
	- PSE Mode	Operating Temperature	0°C to 60°C
Port Interface		Storage Temperature	-20°C to 60°C
Ethernet Port	1*Ethernet In (for LEP-301M-TX): 10/100Base-T RJ45 with PoE power received	Ambient Relative Humidity	5% to 90%, (non-condensing)
	1*Long Reach Out (for LEP-301M-TX): RJ45 with PoE power transmitted	Regulatory Approvals	
	1*Ethernet Out (for LEP-301M-RX): 10/100Base-T RJ45 with PoE power transmitted	Free Fall	IEC60068-2-32
	1*Long Reach In (for LEP-301M-RX): RJ45 with PoE power received	Shock	IEC60068-2-27
LED Indicators	Link/Act, Speed, Status, Warning, Error, and 7-segment Digital Display	Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC Part 15 Class A, CE
		Warranty	5 Years

## ORDERING INFO

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