

LEP-401M-KIT

Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (1 Pair: LEP-401M-L and LEP-401M-R)



FEATURES

- ▶ Supports Standard IEEE 802.3af/at or Passive PoE Devices
- ▶ Provide IEEE 802.3af/at for the Remote PD (Powered Device)
- ▶ Support MDI/MDI-X Auto-Crossover
- ▶ Support Auto-Negotiation
- ▶ DC Power Supply Input (55~57V) (Local End)
- ▶ Support Auto & Manual Mode Configuration for the Ethernet Port
- ▶ IP30 Protection
- ▶ Wall Mountable
- ▶ Operating Temperature Range: -40°C to 75°C
- ▶ 5-Year Warranty



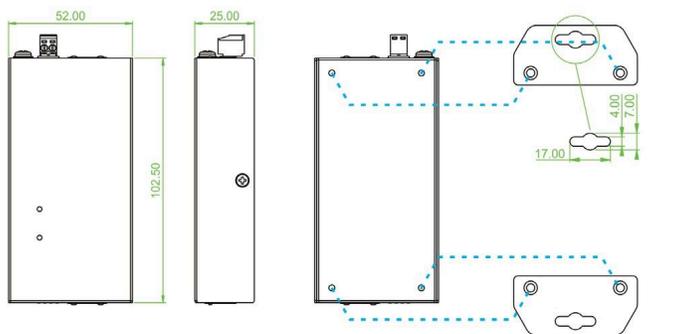
INTRODUCTION

Antaira Technologies' LEP-401M-KIT contains both LEP-401M-L and LEP-401M-R. The former is a long reach transceiver with one 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-401M-KIT is greatly beyond the 100 meters distance limitation of RJ45 cable. Up to 800 meters 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.

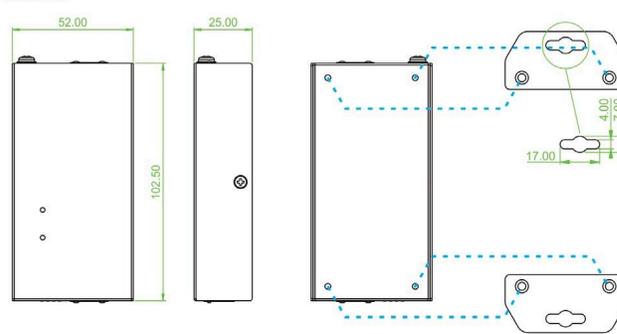
DIMENSIONS

LEP-401M-L



Front View Side View Rear View Wall-Mount Kit View

LEP-401M-R



Front View Side View Rear View Wall-Mount Kit View

SPECIFICATIONS

TECHNOLOGY		MECHANICAL CHARACTERISTICS	
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3af/at Power over Ethernet	Housing	Metal, IP30 protection
SWITCH PROPERTIES		Dimension	52 x 25 x 102.5 mm (W x H x D)
Switch Architecture	Store-and-Forward	Weight	Unit: 0.38 lb. Shipping: 0.75 lb.
DIP Switch	LEP-401M-L 1: Power over line- ON: Disable; OFF: Enable 2: LFPT- ON: Enable; OFF: Disable 3: Line Speed- ON: 10M; OFF: Auto	Mounting	Wall mounting
	LEP-401M-R 1: PoE for PD- ON: Disable; OFF: Enable 2: LFPT- ON: Enable; OFF: Disable 3: PoE PD mode- ON: Passive PoE; OFF: Standard PoE	POWER REQUIREMENT	
PORT INTERFACE		Input Voltage	55~57VDC
Network Connector	LEP-401M-L 2 pin Terminal Block for power input connector 1 RJ45 for LAN 10/100Base-TX Ethernet port 1 RJ-45 for extension distance and delivery power and communication data to remote unit	Power Connection	2-contact removable terminal block
	LEP-401M-R 1 RJ45 for LAN 10/100Base-TX PoE/PSE Ethernet 1 RJ-45 for long distance receiving power and communication data from local unit	PoE Power Output	30W LEP-401M-L: < 3W (without PoE); 34.5W (with PoE @ 30W) LEP-401M-R: < 1.5W (without PoE); 32.5W (with PoE @ 30W)
	LEP-401M-L Power (Green); Delivery Power Range <15W (Amber), >15W (Green); LFPT (Amber) LAN Link active (Green), Line Speed/Link active 10M(Amber), 100M(Green)	ENVIRONMENTAL LIMITS	
LED Indicators	LEP-401M-R Power (Green); PoE Power Range for PD <15W (Amber), >15W (Green); LFPT (Amber); LAN Link active (Green) Line Speed/Link active 10M (Amber), 100M (Green)	Operating Temperature	-40°C to 75°C
		Storage Temperature	-40°C ~ 85°C
		Ambient Relative Humidity	10 to 95%, (non-condensing)
ORDERING INFORMATION		REGULATORY APPROVALS	
LEP-401M-KIT	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (1 Pair: LEP-401M-L and LEP-401M-R)	Free Fall	IEC60068-2-31
LEP-401M-L	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (Local End); EOT: -40°C to 75°C	Shock	IEC60068-2-27
LEP-401M-R	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (Remote End); EOT: EOT: -40°C to 75°C	Vibration	IEC60068-2-6
		EMC	CE (EN55032, EN55035)
		EMI	FCC Part 15 Subpart B Class A, CE
		EMS	EN61000-4-2,3,4,5,6,8
		Warranty	5 Years