

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



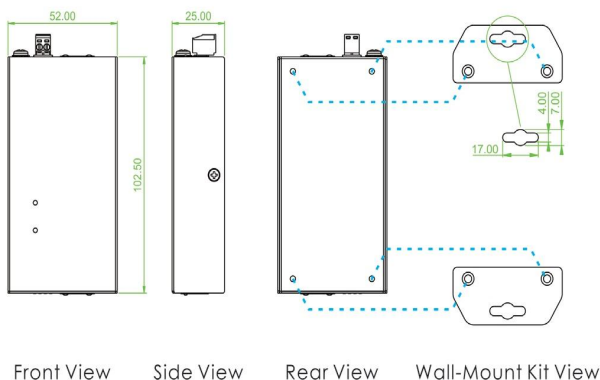
INTRODUCTION

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.

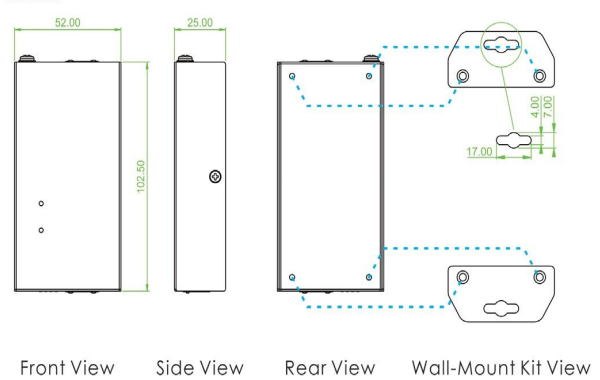
LEP-401M-KIT is greatly beyond the 100 meters distance limitation of RJ45 cable. Up to 800 meters the data and power can be transmitted simultaneously over the UTP cable. This kit is fully compliant with IEEE 802.3, 802.3u, 802.3af/at standards. Operation status can be locally monitored through a set of diagnostic LEDs located in the front and rear panels.

DIMENSIONS

LEP-401M-L



LEP-401M-R



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 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	Mounting	Wall mounting
PORT INTERFACE		POWER REQUIREMENT	
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 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	Input Voltage	55~57VDC
LED Indicators	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) 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)	Power Connection	2-contact removable terminal block
		PoE Power Output	30W
		System Power Consumption	LEP-401M-L: < 3W (without PoE); 34.5W (with PoE @ 30W) LEP-401M-R: < 1.5W (without PoE); 32.5W (with PoE @ 30W)
		ENVIRONMENTAL LIMITS	
		Operating Temperature	-40°C to 75°C
		Storage Temperature	-40°C ~ 85°C
		Ambient Relative Humidity	10 to 95%, (non-condensing)
		REGULATORY APPROVALS	
		Free Fall	IEC60068-2-31
		Shock	IEC60068-2-27
		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

ORDERING INFORMATION

LEP-401M-KIT	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (1 Pair: LEP-401M-L and LEP-401M-R)
LEP-401M-L	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (Local End); EOT: -40°C to 75°C
LEP-401M-R	Industrial IP30 Ethernet Extender, 800 meters, 10/100Mbps Ethernet PoE Extender (Remote End); EOT: -40°C to 75°C

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