LT1017ER

Fast Ethernet Repeater

The LT1017ER is a Fast Ethernet Repeater that utilizes advanced network cable drive technology to boost Ethernet transmission speeds from 100Mbps up to 350Mbps. Designed for signal extension over long distances, it can be powered via a PoE port or through a DC/AC 12V–24V power adapter, making it ideal for network expansion, IP surveillance, and industrial communication systems.

Important Notice :
Turn OFF signal source and the device's power as installation with power ON may result in damaging the device.

Key Features

- Extends Ethernet signal from 100Mbps up to 350Mbps
- Supports long-distance network cable transmission
- Compatible with PoE or DC/AC 12V–24V power input
- Plug-and-play functionality with no configuration required
- Compact and lightweight for flexible installation

Specifications

LT1017ER	
3 x 100 Mbps Ethernet Ports	
Transmission Media	CAT5e/6 Cable
Standard	IEEE802.3af, IEEE802.3at
Speed	Up to 350 Mbps
Supports MIT-B1	
Package	
1	Repeater
1	MIT Hangers
1	AC Adapter
1	User Manual

Key Highlights

- Supports automatic signal regeneration to maintain data integrity
- Wide power input range ensures compatibility with various systems
- Built-in surge and electrostatic protection
- Enhances signal quality in electrically noisy environment

Applications

- Extends Fast Ethernet connections for longer cable runs
- Ideal for offices, commercial buildings, and industrial environments
- Supports network expansion where direct cabling is limited

Installations

1. Use 8 network cables to connect 8 IP cameras with the 8-port PoE switch.
2. Use another network cable (or fiber) to connect
the uplink port of the switch with NVR or computer.
3. Connect the Poe switch adapter to power your system.
4. Make sure the network is available and turn ON the device.

Troubleshoot

1. Confirm if the installation steps are completed correctly.
2. Confirm the RJ45 cable used conforms to the EIT/TIA568A or 568B industry standards.
3. The maximum output consumption of the PoE port cannot exceed 15.4W.
4. Replace the failing device with a new one to test if the PoE Repeater is defective.

RoHS COMPLIANT

Product specifications are subject to change without prior notice.
For more information, visit www.lamatel.ca or send an email to sales@lamatel.com