STEP ELECTRONICS
A Division of Av-Comm

APPOSITE TECHNOLOGIES

Linktropy® Mini Series WAN Emulators

Linktropy Mini-G™ / Linktropy Mini-G100

Basic WAN emulation capabilities at unbeatable prices.

SIMULATE

Bandwidth | Lattency & Jitter | Packet Loss

The Linktropy Mini-G and Mini-G100 are portable, low cost, easy-to-use WAN emulators, designed to emulate basic network conditions for application development and customer demonstrations of networking products.

The Linktropy Mini Series WAN emulators simulate bandwidth, latency, and loss separately in each direction. Their small size and light weight make them easy to carry, while their fanless design and solid-state storage offers silent operation with high reliability. The Mini-G100 simulates links up to 100 Mbps while the Mini-G handles links up to 1 Gbps.

An intuitive, browser-based interface makes installation and configuration quick and easy. A real-time traffic monitor displays throughput graphs and statistics, revealing the effects of WAN conditions on application performance. Together, the GUI allows users to grasp the test conditions at a glance and quickly view the results.

FEATURES

Easy to Use: The Linktropy Mini Series emulators are a snap to install and configure. Just plug in the Ethernet cables, specify the link conditions, and begin testing. No software to install, no training needed.

Bandwidth up to 1 Gbps: Emulate links up to 1 Gbps in each direction with the Mini-G and 100 Mbps with the Mini-G100.

Delay up to 10 seconds: Emulate latency from 0.1 ms. up to 10 sec. in each direction in a constant, normal, or uniform distribution.

Error Emulation: Specify loss as a packet loss rate, bit error rate, or both.

Emulate any WAN: Emulate terrestrial, wireless, internet, satellite or any other type of wide area network.

Traffic Monitor: See a visual display of the current traffic, including throughput graphs and link statistics.

Bridging/Routing: Install the device as either a bridge or router.

Portable: Carry the Linktropy Mini series emulator with you. Their small size and light weight make them easy to take wherever you travel.

Everything You Need: Everything you need to emulate a WAN is included in these compact devices. No additional hardware or software required.

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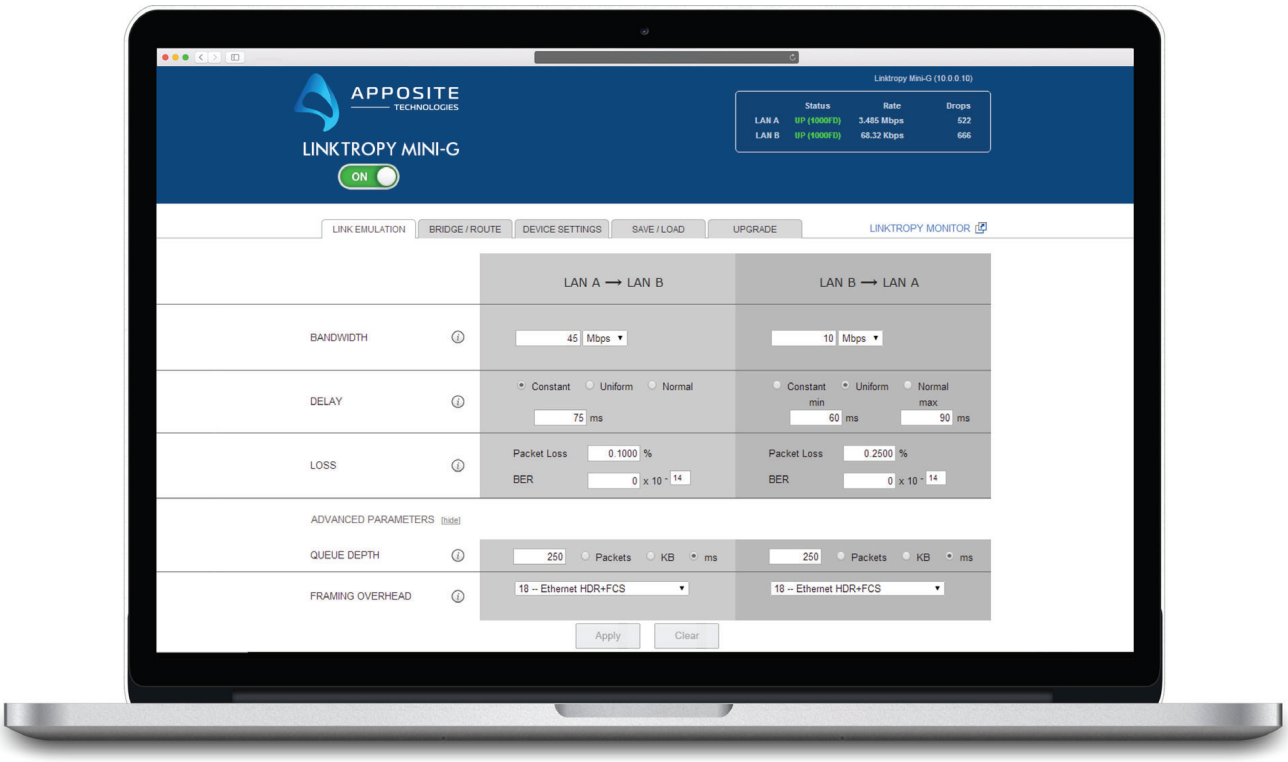
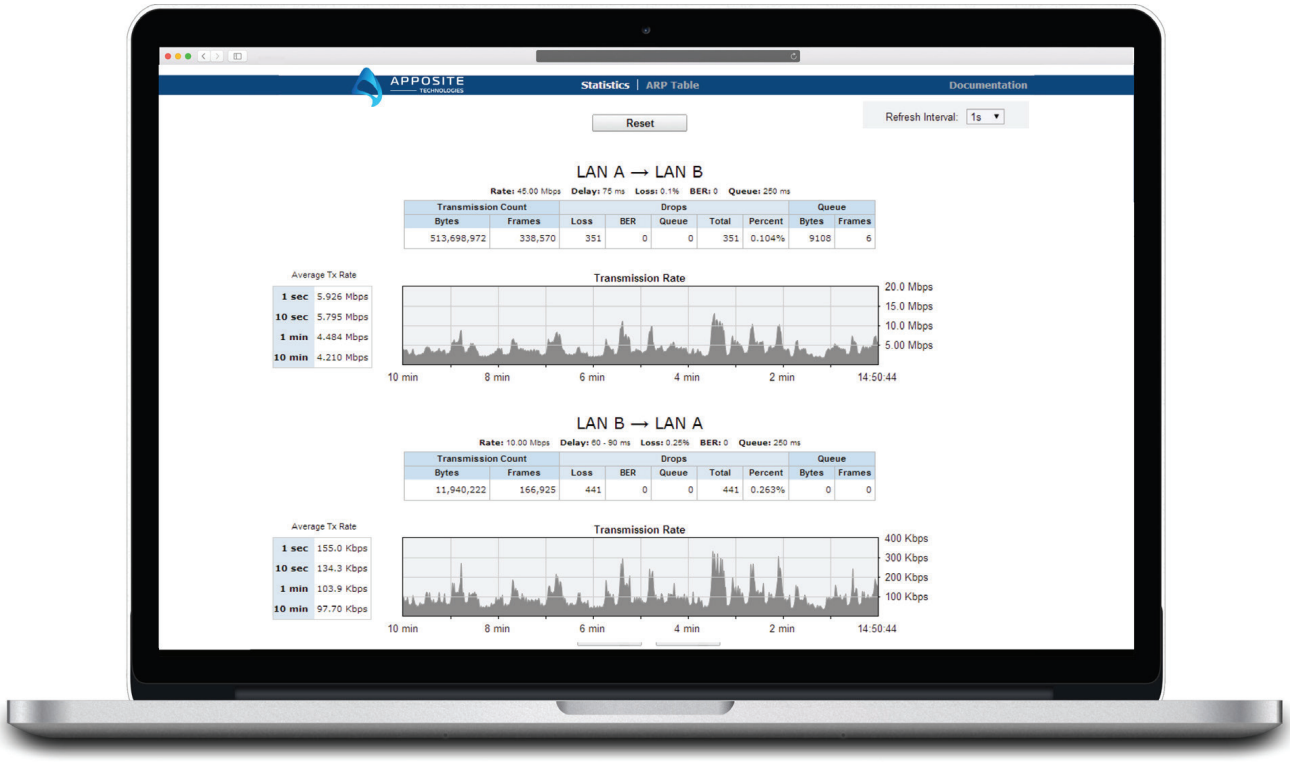
USER INTERFACE





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PRODUCTS

Linktropy Mini-G™/ Linktropy Mini-G100

Basic WAN emulation capabilities at unbeatable prices.

Specifications	Mini-G100	Mini-G
Performance		
Emulation Rate	100 Mbps full duplex, 350,000 packets per second	1 Gbps, 350,000 packets per second
Emulation Settings		
Bandwidth	300 bps – 100 Mbps in 1 bps increments	300 bps – 1 Gbps in 1 bps increments
Delay	0 ms. – 10 sec. in 0.1 ms. increments; constant, uniform, normal distributions	
Packet Loss Rate	0 – 100% in increments of 0.0001%	
Additional Parameters	Bit Error Rate, Queue Depth, Framing Overhead	
Interfaces		
Emulation	2 x Gigabit Ethernet	
Management	1 x Gigabit Ethernet, 1 x RS-232 serial console	
Physical		
Weight	1.1 lbs (0.5 kg)	
Dimensions	6.6" W x 6.2" D x 1.2" H (168 mm x 157 mm x 30 mm)	
Power Input	12V DC power, 11 Watts	

Linktropy Family

For more comprehensive product testing and high-precision benchmarking, Apposite offers the Linktropy 5510 and 8510 models built with the high level of precision, performance, and functionality required by network managers, IT staff, product developers, customer support, and QA teams.

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