



HoloWAN High Precision WAN Emulators

Exceptional Performance, Easy to Use, cost-effective.

Emulates: Bandwidth, Latency, Packet loss,  
jitter, Other impairments.

Recruit global agency



# HoloWAN Lite

## WAN Emulator

## Product Data Sheets

Jiangmen Yunzheng Technology Co., Ltd

<http://msytest.com>

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## HoloWAN Lite Features :

- **Easy to use** : Plug and play, no need to install any applications, quickly issue damage configurations through a simple and easy-to-use Web GUI.
- **High-performance link** : Supports the simulation of virtual links from 1bps to 1000Mbps, and the bandwidth limitation control granularity is accurate to 1bps.
- **Delay and jitter** : Construct up to 10s of delay and delay jitter in one direction, and the delay control granularity is accurate to 0.01ms.
- **Packet Loss** : Construct 0-100% of random packet loss, and the packet loss control granularity can reach 0.0001%.
- **Bit error**: Construct random bit errors in the content of the packet .
- **Comprehensive Impairment Function** : HoloWAN lite also supports reordering, duplication, queue depth, frame overhead, background traffic, and MTU damage.
- **Statistics list and charts** : The statistical list provides real-time tallies of damaged packets and supports the saving and downloading of all damage statistics data since the device was powered on. Furthermore, statistical charts present the real-time fluctuations of the packet rate in the form of a line graph, helping users to more intuitively understand the changes in packet rate before and after damage occurs.

## **HoloWAN Lite can be used in :**

- **simulate wireless networks,such as 2G、 3G、 4G、 5G**

Wireless network technologies, such as 2G, 3G, 4G, 5G, WiFi, are often plagued by network issues like latency and jitter, packet loss and network congestion. HoloWAN can simulate these network impairments to construct complex network environments, allowing for the testing of wireless applications' adaptability and stability in real-world network conditions.

- **Evaluating the required network bandwidth**

Using HoloWAN, one can simulate various degrees of network impairments such as bandwidth limitations, latency and jitter even in a network with good conditions. This helps you to more accurately assess the performance and stability of applications under a variety of network conditions and to determine the minimum bandwidth required to maintain stable operation of the applications.

- **Network Authentication**

Using HoloWAN to simulate bandwidth constraints, latency, jitter, packet loss and other conditions allows for comprehensive and in-depth testing of various network devices and deployment strategies. Helps to assess the performance of different network devices and solutions in various network environments, thereby enabling informed decisions on the optimal selection and deployment of network equipment.

- **Product testing**

Using HoloWAN to simulate real-world Wide Area Network conditions allows for the testing of network accelerators, application delivery devices, compression devices, WAN optimization appliances, flow control equipment, network behavior monitoring devices, and network security equipment. This

ensures that these devices can operate stably and efficiently in actual WAN environments.

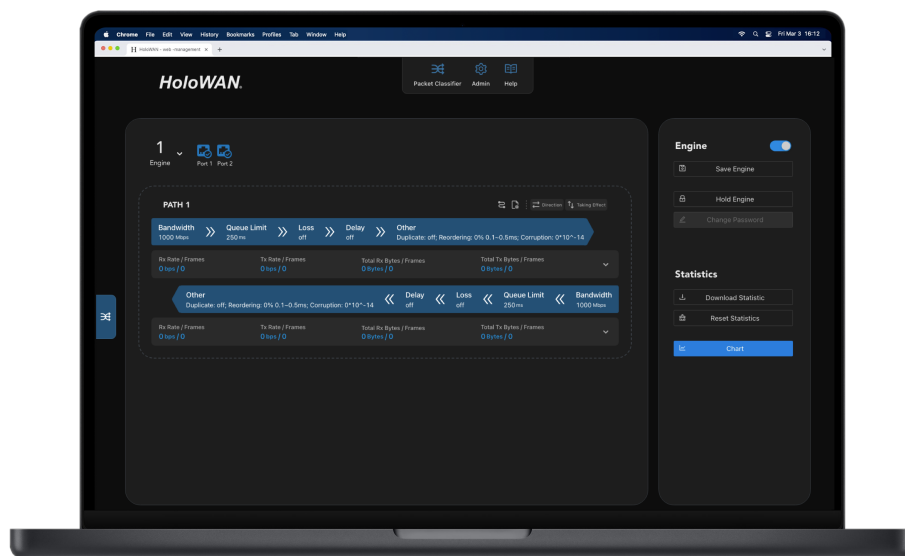
- **Website Testing**

Before launching a website platform, use HoloWAN to construct impairments such as latency, jitter and packet loss to conduct in-depth testing of the website platform. Simulate various network conditions such as slow network connection speeds to assess the stability of the website, so that prevent potential network issues that may arise when the website is deployed in a real-world wide area network.

- **Product demonstration**

When you need to demonstrate to your customers how your product operates in actual network conditions, bring along HoloWAN. It will showcase your device' s stable operation and efficient processing capabilities across a variety of complex network environments. This will assist you in presenting your product' s powerful features and exceptional performance in the most direct and intuitive manner.

## Web GUI :



## Products :

### HoloWAN 1200L

one 1 Gbps emulation engines



### HoloWAN 2200L

one 1 Gbps line rate emulation engines



## Comparison of HoloWAN Lite models :

Models	1200L	2200L
Capacity		
Engine Number	1	1
Maximum Bandwidth	1,000Mbps	1,000Mbps
Path Number Of Per Engine	1	1
Maximum Packet Rate	30,000pps	3,000,000pps
Emulation Capabilities		
Bandwidth	Bandwidth Fixed	
Queue Limit	Simple , Drop Tail	
Corruption	Bit Error , Bit Range Error	
Delay	Constant , Uniform	
Loss	Random Loss	
Recordering	Normal	
Duplication	Normal	
Other Damage	Frame Overhead , Background Utilization , MTU Limit	
Other Key Information		
Size	1U	2U
Management	1 * Gigabit Ethernet	1 * Gigabit Ethernet
Ethernet Ports	2 * RJ45 1Gbps	2 * RJ45 1Gbps
GUI	web	
Support & Warranty		
Hardware Warranty	1 year	
Technical Support	Remote technical support	

## **Connect us :**

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