GET-100 Series
Gigabit Ethernet Tester

Compact and rugged, GET-100 Gigabit Ethernet Tester is handheld test set for 10M/100M/1000M Ethernet installation and maintenance. With the functions of network test, data packet sniffing, traffic generator, cable test and BER test combined into one unit, it is widely used in testing BER of layer1, layer2, layer3, and RFC-2544. It can help the front-line field workers to analyze the network quality and locate the fault rapidly.

Features

- Electrical and optical ports with rate at 10/100/1000Mbps
- Ergonomic, creative design, and easy to carry
- Provides jacket, tie-in protection and hang rope, kickstand, suitable for different field work
- 4.3 inch LCD color touchscreen, smart navigation menu
- Results can be shown graphically and numerically
- IEEE 802.3, RFC1242, RFC2544 compliant
- RFC2544 automated test, capable of fast network testing and locating the fault
- Working state displayed by LED indicators, characters, icons on LCD
- Large storage capability of settings and results
- Free upgradeable embedded software
- Auto power save function

Basic Functions

- L1/L2/L3 BER Test
- Full RFC2544 benchmark test: Throughput, frame loss rate, latency, back-to-back
- Single and multi-stations traffic generator
- Supports traffic filtration statistic at the receiver end
- Support VLAN test function
- Connectivity test: PING, TRACE ROUTE, ARP SCAN and etc
- Through, terminal mode test and frame length, frame type, and utilization stat.
- Optical power test, optical module temperature, working current, voltage test etc
- Cable VCT: Identifying short circuit, open circuit, cable length fault location etc
- Service Disruption Time test
- Intelligent loop back test
- Provides test tools like blink port, sniff frame etc
- Jitter Test
- Manual or auto-timer test
- Support USB flash drive to exchange the data with the tester
- Test results uploaded, filed, conserved and printed by GET Manager software via USB cable or LAN cable connected to PC

Specifications

Model	GET-100A	GET-100B
Test Interface	Dual RJ45 ports: 10/100/1000 BASE-T Dual SFP ports: 1000BASE-SX/LX/ZX	RJ45 port: 10/100/1000 BASE-T SFP port: 1000BASE-SX/LX/ZX
Connectivity	RJ-45/USB	
LED Indicator	POWER, PORT1 LINK/ACT, PORT2 LINK/ACT, ALARM	
Display	480×272 Color LCD touchscreen	
Power Supply	7.4V Li-ion Battery / AC Adapter (DC Input: 8.4V, 1.2A)	
Battery Life	More than 2 hours continuous operation	
Operating Temperature	0°C~ 50°C	
Relative Humidity	0 to 95% (non-condensing)	
Weight	800g	
Dimensions (H x W x T)	233 x 110 x 64mm	

* Specifications subject to change without notice

Ordering Information

GET-100   Gigabit Ethernet Tester

GET-100-128G   128 Stations Traffic Generator Option

GET-100-A2544   Asymmetrical RFC2544 Test Function Option

Annex*

Annex 1   1000Base-SX module (MM 850nm)

Annex 2   1000Base-LX module (SM 1310nm)

Annex 3   1000Base-ZX module (SM 1550nm)

Annex 4   Patch cord I (Single mode)

Annex 5   Patch cord II (Multimode)

*Note: Annexes are the separable optical module (SFP) and Patch cord (multi-mode/single mode).

Type and quantity can be ordered as requested.

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