AUTHENTIC AUTHORIZATION

T200K GIGABIT ETHERNET TESTER

T200K is a handheld, handheld 10M/100M/1000M Ethernet test that can be used for Ethernet installation, activation, and maintenance cycles.

The T200K design is compact and portable, integrating data packet capture, network monitoring, network performance testing, data generation, cable testing, and error code testing functions. It is widely used in BER testing and RFC-2544 testing of network layers 1-4, helping maintenance personnel quickly locate faults and analyze network performance parameters.

Product Features

- 10/100/1000Mbps electrical/optical port (dual optical and dual electrical)
- Excellent innovative ergonomic design, easy to carry
- Equipped with a wrist strap and bracket for easy operation in various environments
- 5-inch LCD color touch screen, intelligent navigation menu
- Graphical and numerical display of test results
- RFC2544 automatic testing for fast network testing and fault finding
- Complete Y.1564 testing
- LED indicator light, screen display characters and icons for operators to understand the current wor
- Equipped with a wrist strap and bracket for easy operation in various environments
- Large capacity memory to store setting information and test results
- Instrument embedded software can be easily upgraded

Product Features

- L1/L2/L3/4BER testing
- Complete RFC2544 testing: throughput, packet loss rate, latency, back-to-back
- Multi business testing (10 streams)
- Support for receiving end traffic filtering statistics
- Support LAN testing
- Connectivity testing: PING, TRACE ROUTE, IP scanning
- Supports statistics such as frame length, frame type, and utilization in pass and terminal modes
- Optical power test, temperature, working current and working voltage test of optical module
- Virtual cable testing (vCT: identifying cable short circuits, open circuits, and cable length information
- Service interruption time test
- Provide testing functions such as port positioning, packet capture, and loopback
- Jitter test
- Upload test data to a PC through USB interface, and analyze, organize, archive, and print out measurement results on the PC

TECHNICAL INDEX

Optical interface	Two GigE interfaces		
	1000Base-SX	1000Base-LX	1000Base-ZX
Wavelength (nm)	850	1310	1550
Laser type/connector/transceiver type	VCSEL/LC/SFP	FP/LC/SFP	DFB/LC/SFP
Optical interface	**Two ports 10/100BaseT half/full duplex, 1000BaseT full duplex, Select straight through or crossover cable**		
	10BaseT	100BaseT	1000BaseT
Connector	RJ-45	RJ-45	RJ-45
Test items			
Y.1564	Perform network configuration and service testing according to ITU. T Y.1564. Remote loopback or dual testing device mode can be used for testing to obtain bidirectional results		
RFC2544	According to RFC 2544, it can measure the weight of children, back to back Frame loss and delay. Frame size: RFC defined size, user can configure 1 to 7 types		
BERT error code test	Whether with or without VLANQ-inQ, it can support layers 1 to 4		
Through mode	Segmentation of information flow between service provider network and customer resident equipment		
Service interruption time (SDT)	Including statistical data, including minimum interruption time, maximum interruption time, last intermediate time, average interruption time, total interruption time, and threshold for passing through Zhu		
Multi stream generation	Capable of transmitting and monitoring up to 16 data streams on Ethernet and IP networks.		
Information flow generation and monitoring	It can generate information flow and monitor Ethernet and IP information flow, and can shape information flow according to the following statistical data: throughput, frame loss, frame ordering, packet jitter, delay, frame size, information flow type and stream child monitoring		
VLAN stacking	Can be used on any stacked VLAN layer,Generate data streams with up to 2 layers of VLANs (including VLANs labeled with IEEE802.1adQ-in-Q) based on VLANID or VLAN priority		
General indicators			
Test interface	Dual RJ45 ports: 10/100/1000 BASE-T Dual SFP port: 1000BASE-SXLXZX		
Supported Standards	IEEE 802.3 ， RFC3393， RFC2544， Y.1564		
data interface	RJ-45/USB		
LED status/alarm indication	POWER、ALARM		

Display	800 * 480 color LCD touch screen
Power supply method	Lithium battery 1 power adapter
Battery usage time	Continuous operation for more than 4 hours
Operating temperature	0℃ ~ 50℃
Relative humidity	0 to 95% (No condensation)
Heavy	800g
Dimensions (length x width x height)	190×130×65mm

PRODUCT DISPLAY


Quick Guide
ScreenShots/Cablibration
Task Switch
Save Result
Power ON/OFF
Status Lights
Red :Alarm
Green :Blinking Normal
Power Lights
Red :Charging(Power OFF)
Orange:Charging(Power ON)
Green :Working
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