



ParaScope GigE

Advanced Test Set for 10/100/Gigabit Ethernet

The ideal tool for field engineers and technicians installing, maintaining, and troubleshooting Metro and Carrier Ethernet networks.

Main Features

- Rugged handheld test set with powerful features and smart navigation.
- 10/100/1000 Megabit electrical port and 100/1000 Megabit fiber port for single and multimode.
- High resolution TFT color screen viewable in any lighting condition.
- User defined test profiles and thresholds enable fast turn up of service.
- Advanced Ethernet diagnostics tools; Ping; trace route, Blink HUB port locator, cable length, optic testing and more.
- Ethernet BER testing at layer 1, layer 2, and layer 3, with error insertion.
- RFC 2544 Benchmark Test: ability to test full line rate 10/100 and GE performances-including Throughput, Latency, Frame Loss and Back-to-Back Frames tests.
- Performance analysis and loop-back round-trip latency measurements.
- Comprehensive layer 2/3 statistics and filtering.
- Multiple stream generation and analysis for QoS verification of services such as triple play. Generate constant, bursty or ramped traffic layer 2/3 traffic for up to 500 stations.
- Comprehensive network monitor functions; HUB monitor mode, LASER watch, Pass-Through, Dual port pass modes etc.
- Wire map test determines cable pairs and checks for shorts, opens and short circuits.
- Multi-protocol support including DIX/802.2 and 802.3.
- Single and dual port testing.
- Super terminal VT100 emulation.
- Remote control over any internet connection.
- Extended field testing with field replaceable, rechargeable Lithium Ion battery module.
- Export results via USB.
- Online help.



Specifications

Item	Description
Ports	Two 10/100/1000Base-T, Two 100/1000Base-X ✓ 10/100/1000BaseT: RJ45 ✓ 100 Base-FX: 850nm single mode, 1310nm multimode ✓ 1000 Base-SX: 850nm multimode ✓ 1000 Base-LX: 1310nm single mode ✓ 1000 Base-ZX: 1550nm single mode
Protocol	DIX/802.3 SNAP
Display	TFT LCD. Resolution: 320 (H) x 240 (v) with 16 bits text and graphics
Rechargeable Battery Pack	Li Ion 15VDC 3800mA field replaceable battery pack provides more than 5 hrs of operation.
External Power	AC/DC power converter, 100-240VAC, 50-60 Hz,
Memory	64MB RAM, 128 MB Compact Flash card
Operating Temperature	0 to 40 degrees C, 0 to 104 degrees F
Humidity	10% to 90% non-condensing
Storage Temperature	-10 to 50 degrees C, 14 to 122 degrees F
Dimensions	7.4" (L) x 4.25" (W) x 1.97" (H) or 190mm (L) x 108mm (W) x 50mm (H)
Weight	1.1. Kg or 2.4 Lbs



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