

## MTX150x



### Ethernet Services Installation Test Set

The MTX150x is a fully-integrated and self-contained Ethernet services test solution for Layer 1-to-4+ applications and Fibre Channel (SAN). This rugged and ultra-portable field hand-held test set can be configured with interfaces and technologies required by field technicians to install, verify, maintain and troubleshoot Metro Ethernet links, Business services, Internet Access and other packet-base services up to 10 Gbps. Its native support for 2.5G/5G/10GBASE-T reduces cost of ownership.

#### PLATFORM HIGHLIGHTS

- The smallest full-featured Ethernet solution on the market with native RJ45 1G/2.5G/5G/10GBASE-T and 1G/10GBASE-X support. No adapters required
- Lower cost. Equip more field technicians and crews
- Dual port operation up to 10 Gbps
- Optimized for field technicians installing, verifying, troubleshooting and maintaining Carrier Ethernet, Metro, Access, Business Services, and Storage Area Networks, as well as fiber, backhaul, microwave links.
- Robust, handheld chassis packed with powerful and flexible features for demanding environments and test conditions
- Flexible hardware configuration to meet each application's requirements and reduce CAPEX
- Field upgradeable licenses to optimize OPEX
- Test set connectivity via micro-B USB and optional built-in Wi-Fi and Bluetooth® wireless interfaces; USB-A and 10/100BASE-T are also available via OTG cables
- VeSion R-Server asset, workflow and results management
- Remote access and control via Web Browser, VNC® client and ReVeal PC software. Compatible with VeEX EZ Remote collaboration services.
- User defined test profiles and thresholds enable fast, efficient and consistent turn-up of services
- Fast and efficient test result transfer to USB memory stick
- Li-ion battery pack for extended field testing autonomy

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### KEY FEATURES

- Complete Ethernet (LAN/WAN) and Fibre Channel (SAN) Testing
- Dual SFP+ Optical Interfaces for 100/1000BASE-X, 10GBASE-X and 4/2/1GFC
- Built-in dual RJ45 for 10/100/1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T (no adapters required)
- **Ethernet**
  - Dual-port testing capabilities
  - Throughput, BERT, IPv4/IPv6, Loopbacks, NetWiz, Ping, trace route, Scan, L2CP Transparency, Errors, Alarms, Events, Delay, Test Profile Auto Scripting/Sequencer
  - RFC2544 Throughput, latency, frame loss and back to back tests
  - V-SAM test suite compliant with ITU-T Y.1564 standard
  - Q-in-Q (VLAN stacking), MPLS, MPLS-TP, PBB, and PPPoE support
  - 8 Streams, 3 VLAN, 3 MPLS, TCP/UDP
  - Layer 4+ test suite: V-TEST (speed test), V-FTP, RFC6349 V-PERF upload & download tests
- **Fibre Channel**
  - Dual-port Storage Area Networks (SAN) testing
  - Throughput, BERT, Loopback, SDT, Errors, Alarms, Events, Delay
  - RFC2544: Throughput, latency, frame loss, back to back tests