



VePAL MX100+

Handheld Ethernet Test Set

Next Generation Metro and Carrier Ethernet Testing

VeEX™ VePAL MX100+ Metro Expert is the next generation of field equipment for Carrier Ethernet and Core Networks carrying data, voice and video.

Platform Highlights

- Intuitive presentation of measurements with test graphics
- High resolution color touch-screen viewable in any lighting conditions; fitted with protective cover
- Robust, handheld chassis packed with powerful and flexible features for demanding environments and test conditions
- Optimized for field engineers or technicians installing and maintaining Ethernet networks enabling Triple Play services
- Ethernet port and connection for back office applications, workforce management and Triple Play service verification
- User defined test profiles and thresholds enable fast, efficient and consistent turn-up of services
- USB memory stick support and FTP upload capability for test result storage and file transfer respectively
- Maintain instrument software, manage test configurations, process measurement results and generate customer test reports using included ReVeal™ PC software
- Extend field testing time using interchangeable Lilon battery pack/s. Greater battery autonomy provided in standby mode
- Supports advanced IP testing: Ping, trace route, NetWiz, VoIP, IPTV, WiFi, web browser, and FTP upload/download

Key Features

- All-in-one Ethernet and Gigabit Ethernet testing
- Full Ethernet testing features on each operating port
- Throughput, latency, frame loss, and back-to-back measurements per industry-standard RFC2544 tests
- Ethernet BER testing at Layer 1, Layer 2, Layer 3 and Layer 4, with or without VLAN and MPLS tags
- Unframed BER testing to validate error-free fiber connections
- Link Partner auto-negotiation advertisement analysis
- Q-in-Q (VLAN stacking) and multiple MPLS tag support
- VLAN scan and traffic monitor for VLAN configuration verification and top bandwidth users visibility
- Multiple stream traffic generation and analysis for end-to-end QoS verification of multiple services
- IEEE 802.3ah OAM device discovery and loopback control configuration
- Intelligent device discovery mode; discover other MX100s on the network for quick and easy loopback control configuration
- Smart Loop mode for Layer 1, Layer 2, Layer 3, and Layer 4
- Remote control capability through ReVeal PC software