



VePAL BX100V+ Handheld VDSL/ADSL Test Sets

VDSL/ADSL network testing simplified

VeEX™ VePAL BX100V+ series are next generation test solutions for VDSL2/ADSL2+/ADSL2/ADSL networks supporting Triple Play services.

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 DSL 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, ARP Wiz, VoIP, IPTV, WiFi, web browser, and FTP upload/download via Ethernet or USB port where applicable
- NetWiz cable diagnosis with network statistics*
- VoIP call emulation and MOS performance analysis*
- WiFi Wiz site survey with Internet connection test*

Key Features

- VDSL2/ADSL2+/ADSL2/ADSL modem emulation per ITU standards
- CPE and CO Emulation
- Automatic link turn-up after power-on or connection to line
- Fast display of link-up results: upstream/downstream data rates, noise margin, latency, attenuation, training time, PSD, INP, vendor ID, profile, interleave delay, interleave depth
- Graphical and tabular representation of bits per tone
- FEC, HEC and code violation count for upstream and downstream paths
- ATM OAM loopback cells functionality
- Multiple encapsulation methods
- Terminate, Pass-Through and Terminal Equipment test modes
- Annex B (ADSL/ISDN) support
- Annex M support
- Impulse Noise Protection (INP) support
- Advanced IP connectivity test functions over ADSL interface
- IPTV stream analysis: MPEG2, MPEG4 Part 10 (H.264) and VC-1 in ADSL Terminate mode (modem emulation)
- IGMP latency (channel zapping), Media Delivery Index (MDI) and Primary Clock Reference (PCR), and jitter measurements
- Dr. DSL® Physical Layer Diagnostics*