



2008 Global Test & Measurement
Emerging Company of the Year Award

VePAL BX100A

Handheld ADSL Test Sets

ADSL network testing simplified

VeEX™ VePAL BX100A series are next generation test solutions for ADSL/ADSL2/ADSL2+ 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 ADSL networks enabling triple play services
- Ethernet 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 and FTP upload support for test result storage/file transfer
- 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 LiIon battery pack/s. Greater battery autonomy provided in standby mode
- Advanced IP connection tests; Ping, trace route, ARP Wiz, web browser, and FTP upload/download
- Optional NetWiz cable diagnosis with network statistics
- Optional VoIP call emulation and MOS performance analysis
- Optional WiFi Wiz site survey with internet connection test

Key Features

- ADSL2+/ADSL2/ADSL modem emulation per ITU standards
- 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
- Loop length estimation capability
- Graphical and tabular representation of bits per tone
- FEC, HEC and CRC count for upstream and downstream paths
- ATM OAM loop-back cells functionality
- Scanning of multiple PVCs and analysis of traffic
- Multiple encapsulation methods
- Terminate, Pass-Through and Terminal Equipment test modes
- Annex B (ADSL/ISDN) support
- Annex L Reach extended mode 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 (modem emulation) mode
- IGMP latency (channel zapping), Media Delivery Index (MDI) and Primary Clock Reference (PCR), and jitter measurements
- Optional POTS Expert for placing and receiving DTMF calls
- Optional DMM for measuring AC/DC voltage and current, loop resistance, and leakage resistance

Broadband Expert