



2008 Global Test & Measurement
Emerging Company of the Year Award

VePAL CX180 CATV Signal Analyzer

CATV network testing simplified

VeEX™ VePAL CX180 is a next generation test solution designed for analog and digital cable TV networks with enhanced return path QAM analysis and rich triple play features.

Platform Highlights

- High resolution color touch-screen viewable in any lighting conditions fitted with protective cover when not in use
- Robust, handheld chassis packed with powerful and flexible features for demanding environments and test conditions
- Optimized for field engineers or technicians installing and maintaining CATV networks enabling triple play services
- Ethernet connection for remote control, back office applications, workforce management and triple play service verification
- 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 Cat 5e cable diagnosis with network statistics
- Optional VoIP call emulation and MOS performance analysis
- Optional WiFi Wiz site survey with internet connection test

Key Features

- Frequency range support and analysis from 4 to 1000 MHz
- Carrier to Noise (C/N) and adjacent channel measurement ratio
- Annex A and B support in one unit
- Measurement of QAM 64/256 digital signals including deep interleaved modulation
- MER and Pre/Post BER measurements of QAM carriers with Constellation diagram
- Fast system scan mode of the entire active channel plan
- Installation test procedures with location specific limits
- Tilt measurements to indicate distortion over the frequency spectrum allowing technicians to apply correct equalization
- Forward and Reverse path ingress scan indicate the presence of noise and/or CSO/CTB interference
- Reverse path QAM, QPSK and CW spectrum analysis
- Optional Reverse Path QAM 16/64/128 MER, Pre/Post BER measurement with Constellation diagram
- Remote CX120/150/180 USG control for one-person reverse path sweep analysis
- optional TDR for coaxial cable fault locating
- optional Upstream QAM 16/64/128, CW, QPSK signal generation with FEC
- optional DOCSIS 2.0 cable modem with USG capability

Cable Expert