



VePAL

CX100/E, CX120/E, CX150/E CATV Signal Analyzers

CATV network testing simplified

VeEX™ VePAL CX100 / CX120 / CX150 (E)¹ are next generation test solutions designed for analog and digital cable TV networks supporting VoIP and Internet service.

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 CATV 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. 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

- Frequency range support and analysis from 4 to 1000 MHz
- Measure video and power level of NTSC, PAL and SECAM¹ analog video signals
- Carrier to Noise (C/N) and adjacent channel measurement ratio
- Measurement of QAM 64/256 digital signals including deep interleaved modulation
- Pre and Post BER measurements of QAM carriers
- Fast system scan mode of the entire active channel plan
- Installation test procedures with location specific limits
- Single-channel measurements with Min/Max thresholds
- Modulation Error Ratio (MER) measurement to identify transmission quality degradation
- Constellation diagram to assess digital channel quality and indicate impairments
- 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
- Upstream Signal Generation capability (CX120/ CX150/E¹ models only)
- DOCSIS 2.0 modem emulation (CX150 models only)
- Euro-DOCSIS 2.0 modem emulation (CX150E models only) cable diagnostics