



VePAL CX350

Advanced CATV Analyzer

CATV Network Testing Simplified

VeEX™ VePAL CX350 is a portable, fully integrated test solution for legacy analog and digital Cable TV networks supporting next generation DOCSIS®/Euro-DOCSIS 3.0 cable modem.

Platform Highlights

- Robust, lightweight chassis packed with powerful features for demanding environments and test conditions
- High resolution color 7" touch-screen with graphical user interface
- Fast system power up time in less than 20 seconds
- Ethernet connection for remote control, back office applications, and workforce management
- Fast and efficient test result transfer to USB memory stick or FTP upload via LAN or DOCSIS ports
- Maintain instrument software, manage test setups and channel tables, process measurement results and generate customer test reports using included ReVeal™ PC software
- Extend field testing time using interchangeable Lilon battery pack/s
- Ability to lock user interface to prevent unwanted human interference during long-term testing
- Supports Triple Play test applications such as VoIP, IPTV and high speed Internet access via Ethernet management port, DOCSIS test port, or USB WiFi adaptor

Key Features

- Frequency range from 5MHz to 1GHz
- Supports Annex A, B and C signal formats
- Video and audio power level measurements
- Integrated CableLabs® compliant DOCSIS®/Euro-DOCSIS 3.0 Cable Modem*
- Spectrum analysis to capture impulse noise and interference
- Home Installation Procedure (HIP) with user defined location and measurement specific test limits
- Comprehensive SLM features including single channel measurement, system scan, tilt, and installation check
- Measurement of forward and return path QAM digital signals including deep interleaved modulation, MER, Pre/Post BER, Constellation diagram, Histogram, and equalizer on/off mode
- Advanced Digital signal measurements* - HUM, EVM, Phase Jitter, Symbol Rate Error, Frequency and Frequency Response Error, Group Delay
- Upstream Generator (USG)* - CW, QPSK and QAM-16/64/128/256 modulations
- TDR supports up to 2km/6ft of standard coaxial cable

*Optional features