



## 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® 3.0/ 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 LAN management port 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
- Comprehensive SLM measurements (single channel, system scan, tilt, and installation check)
- Video and Audio power level measurements (Annex A, B, C signals)
- Forward and Return path QAM measurements (MER, Pre/Post BER, Constellation diagram, Histogram, and Equalizer on/off mode)
- Advanced Digital measurements\* (HUM, EVM, Phase Jitter, Symbol Rate Error, Frequency Response, Group Delay)
- Dual band DOCSIS 3.0 compliant Cable Modem\*
- Spectrum view to capture impulse noise and interference
- Home Installation Procedure (HIP) with user defined test limits
- Built-in Upstream Generator\* (CW, QPSK, QAM-16/64/128/256 modulation)
- Built-in TDR\* - supports up to 2km/6000ft of standard coaxial cable
- Single DS1 Transmitter/Receiver with Balanced (100Ω) interfaces for full Rate DS1 and Fractional Nx64kbit/s or Nx56kbit/s testing
- Single 10/100/1000-T/X Ethernet port (BERT, Throughput, RFC2544 and Loopback testing)
- ISDN PRI (ANSI and ETSI) call setup\*

\*Optional features