DOCSIS 3.1
1.8 GHz Spectrum
NEW

VeEX

VePAL CX380s-D3.1
Super-Tech Maintenance Tool for CATV

CATV Network Testing Simplified

Key Maintenance Tools including enhanced Spectrum Analysis with 1.8 GHz range, DOCSIS 3.1 OFDM Analysis, Digital Channel, Sweep, MPEG Analysis, and 10 Gigabit Ethernet test capabilities.

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
- 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, DOCSIS, USB WiFi, USB data modem or USB Bluetooth
- 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 LiIon battery pack/s
- Ability to lock user interface to prevent unwanted human interference during long-term testing
- WiFi Wiz with InSSiDer SSID Analysis*
- WiFi Spectrum Analyzer*
- VoIP and IPTV*
- Digital Fiber Inspection Scope*
- OPX-BOXe OTDR USB accessory*

Key Features

- True Spectrum Analyzer with 30 ms sweep time to capture fast transient and impulse noise
- Spectrum Analysis frequency range from 5 MHz to 1.2 GHz, with optional 1.8 GHz extension
- Comprehensive SLM measurements (Single Channel, System Scan, Tilt, Installation Check and VeCheck)
- MPEG Explorer: QAM channel MPEG-TS analysis*
- Upstream Generator* (CW, QPSK, QAM 16/64/128/256 modulation)
- 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)
- DOCSIS 3.0 Cable Modem with up to 32x8 Channel Bonding
- DOCSIS 3.1 Cable Modem*
- FCC POP including Digital POP*
- Ethernet up to 10 GigE with SLA validation tests including BERT, Throughput, RFC2544 and Y.1564 SAM*
- Headend Check auto test for the entire selected Channel Table lineup*
- VeTest Throughput*
- Full compatibility with CaLan 3010H+ Sweep System, for Forward Path to 1.8 GHz and and Return Path to 204 MHz*

*Optional features