

## Issue 2

May 2002

### Introducing.... Pod and Remote

#### DVStation-Pod: Low Cost, Compact Single Source Test Analyzer

DVStation-Pod, is an ideal tool to analyze and troubleshoot digital signals in satellite communications and television facilities, cable television plants and other operations handling networked video and audio data.

Light and so portable it easily slips into a briefcase, DVStation-Pod borrows most of the advanced features of the full-sized DVStation including its extraordinary user-friendly interface, on-board transport stream capture, internal playback and analysis, and error and measurement logging. All at a price that's just a sliver of its big brother.

There are four models of DVStation-Pod:

- Pod-TSP100 (ASI/SPI/SMPTE-310)
- Pod-PSK110 (QPSK L-Band)
- Pod-ATM155o (ATM with 155Mb/s optical fiber)
- Pod-COFDM (DVB-T COFDM)



#### DVStation-Remote: Single-Source, Real-Time Preventative Monitoring Solution

DVStation-Remote is a low-cost preventative monitoring solution that allows operators of either a few or a few hundred sites to cost-effectively monitor real-time performance and report operational information to a central location. The system, consisting of two book-sized components, is remote-controlled over a LAN, WAN, or dial-up modem – allowing database or user access from a personal computer.



DVStation Remote: Pod and Pod Controller

The full-size DVStation is a highly scalable monitoring device that was designed to work in an environment with many television signals in a single location, such as satellite and multiplex facilities. The scalability of the original 21-port DVStation comes with overhead that makes the solution too big and too expensive for many smaller facilities or terrestrial broadcasters operating over a wide geography. DVStation-Remote offers a low-cost alternative with all the power and capabilities of DVStation for operations that need to monitor one signal in many places.

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## Multiple User Interface Options

Remote sites often have poor network connectivity which cannot take full advantage of the DVStation family's comprehensive real-time GUI. Like the 21-slot DVStation, DVStation-remote supports multiple, simultaneous user access using a variety of connection options.

For LAN or WAN connections, DVStation has two options for fully real-time, animated displays: X-Windows and Virtual Network Computing (VNC), a remote display system that allows users to view a computing desktop environment not only on the machine where it's running, but from anywhere on the Internet.

For dial-up connections, we have a low bandwidth HTML interface accessible from any standard web browser without requiring troublesome plug ins or Java.

## Key Applications for DVStation-Pod:

- Ideal as an inexpensive analyzer to set-up and commission new installations and to troubleshoot signal problems.
- Low-cost signal test analyzer for remote satellite facilities.
- Analyzer for production line testing in electronic manufacturing.
- Low-cost, entry-level test analyzer for small facilities.

## Key Applications of DVStation-Remote:

- Ideal as single-source solution for monitoring television signals at remote locations.
- Cost-effective solution for far-flung operations with multiple sites.
- Perfect single-source monitor for satellite, cable and terrestrial broadcasters.
- Low-cost, entry-level preventative monitoring solution for small facilities and broadcasters

## Key Features of Both DVStation-Pod and DVStation-Remote:

- Include the best features of the award-winning Pixelmetrix DVStation at a fraction of the price.
- Real-time analysis in compact configuration
- Transport stream capture
- Captured stream may be played back and analyzed internally
- Content validation features
- Multiple models available, depending of user application

## Highlights of Both Models:

### Comprehensive Transport Stream Analysis

The intuitive interface provides all important data at a glance. Visual displays help to quickly get a handle of large amounts of complex information. Powerful software allows engineers to quickly drill down to find and examine errors.

### Transport Stream Capture

The real time buffer allows the capture of up to 96MB of transport stream. A flexible trigger point provides for pre and post capture. The built-in playback function allows captured streams to be further analyzed.

### Error and Measurement Logging

A comprehensive logging feature allows the user to keep track of errors as they are detected. These files are easily viewed and exported for in-depth analysis and troubleshooting. In addition, measurement logs can be generated upon user-defined settings, useful for determining proof-of-performance of signal quality and integrity.

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