

Now
SUPPORTS
H.264
SD & HD



DVStation Mini²

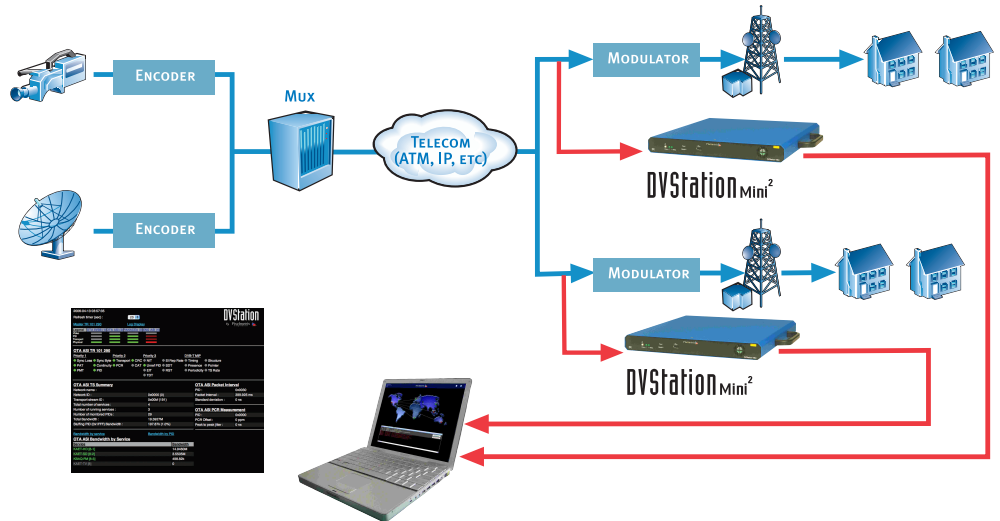
DVStation-Mini² TSP Lite

OVERVIEW

The DVStation-Mini² TSP Lite is a single port ASI/SMPTE-310 transport stream monitoring solution. Rugged, portable and cost effective, it is ideal for rough and mobile environments.

The DVStation-Mini² TSP Lite supports H.264 SD and HD services and lets you remotely view full frame video with associated audio. The DVStation-Mini² TSP Lite can also capture a segment of the live transmission for later analysis.

Designed to be rack-mounted in a mobile environment or carried in the field, the DVStation-Mini² TSP lite has internal shock mounts to ensure that it is working at its best when you need it most.



KEY FEATURES

- Supports H.264 SD and HD video streams
- Capture a part of the live transmission in the field for later analysis
- Monitor multiple sources in a time-shared mode
- Reliable operation in shock-prone mobile applications
- 1 RU rack-mountable - small footprint
- Easily configured with a web browser or VNC client - Mac/PC compatible
- NMS Integration via SNMP traps
- TSP and SMPTE-310 input
- Easy recovery using supplied USB recovery drive and default IP reset

Video thumbnails for confidence monitoring

Audio presence with tone/silence alarms

Overall status summary; Bandwidth, transport stream and table integrity



Service Information Summary

Bandwidth per PID

Per-PID view of the status of continuity count and other PID based errors

ANALYZE

- PSI/DVB-SI/ATSC PSIP Decode in real time
- Display of video thumbnails of services and associated metadata
- PID View

MEASURE

- TR 101 290 or ATSC conformance analysis
- Bandwidth measurements
- Inter-packet arrival intervals
- PCR Jitter
- MIP Support for DVB-T Single Frequency

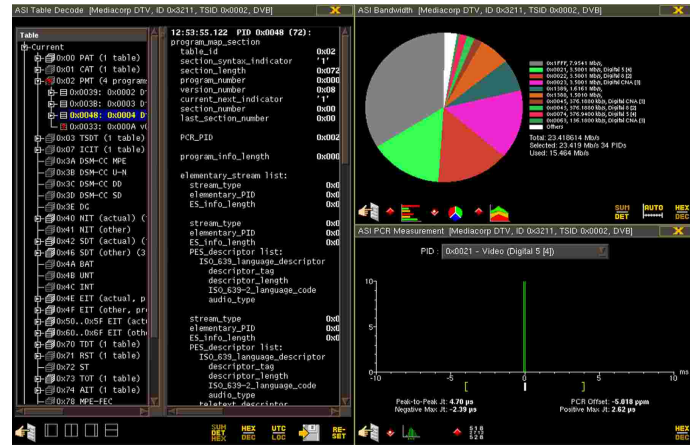
CONFIGURE ALARMS

- All measurements with configurable threshold
- On-Air Content Validation

OPTIONS

- On-Air Content Validation (OCV)**
 Automatically identify discrepancies between the expected baseline and actual broadcast content: missing or extra services, incorrect service names, loss of subtitles, wrong language, incorrect age-rating.
- MHP Object and DSM-CC Data Carousel Analysis**
 Validate smooth operation of interactive TV services.
- TSP Router Control Software**
 Control an external TSP router for round-robin monitoring of multiple TSP sources.
- M2P Interface**
 Hardware interface required for certain legacy equipment.

Decode tables for troubleshooting: View table contents in plain text, ASCII or hexadecimal



Bandwidth utilization by the transport stream components

PCR Jitter Measurements

To learn more about how the DVStation-Mini² TSP Lite can help you monitor your transmission network, please visit the DVStation-Mini site here: <http://www.pixelmetrix.com/eng/dvstationmini.htm>

SPECIFICATIONS

System Interfaces

- Management Port
 - 10/100 Base-T
 - RJ-45 Copper Connector
- Serial Port
 - 9-pin DE-9P Connector
- GPI Contacts
 - 4 Contacts
 - 9-pin DE-9P Connector
- USB 1.1a Connector

Control Interfaces

- HTML Web Browser
- VNC Remote Client

Asynchronous Serial Interface (ASI)

Connector Type

- BNC

Signal Level

- 200mVpp to 2Vpp

Electrical Characteristics

- Power Input
 - 90-240 V AC; 47-63 Hz
- Current Requirement
 - 5.0A at 115 V AC Max
 - 2.5A at 230 V AC Max

Network Management

- SNMP MIB for NMS integration

Mechanical Characteristics

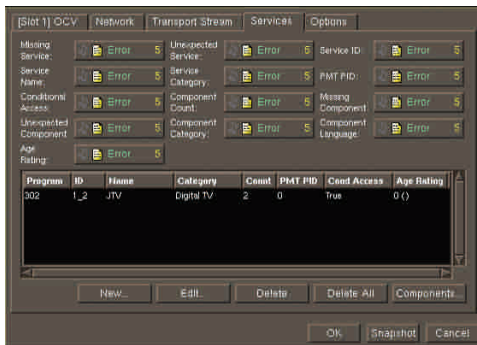
- 1 RU Portable with handle or 19 inch rack-mountable
- Operating Temperatures
 - +10°C to +30°C
- Storage Temperature
 - 0°C to +50°C

Mass Storage

- 80 GB shock-mounted HDD

Standards

- DVB-PI-232 TM 1449
- ISO/IEC 13818-1 & ANSI X3T11 EN 50083 Part 9
- SMPT-310/IEC 60169-9



DVStation-Mini² TSP Lite with rack-mount ears installed

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