

# T-STREAMER™/ASI

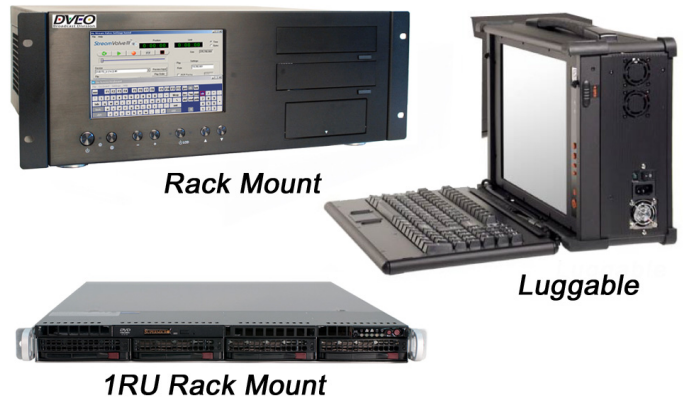
**Cost Effective, Continuous, MPEG-2 and H.264 Transport Stream Player and Recorder with DVB ASI Output and Input with GUI based Menu for both Test and Real World Broadcast purposes. Includes a TS analyzer for the display and selection of any PIDs. Records and plays by time and GB. Also includes software based MPEG-2 viewer and web interface for remote management.**

## Features

- Captures and plays back MPEG-2 or H.264/AVC (MPEG-4 Part 10) transport streams (SPTS or MPTS)
- DVB-ASI in and out
- Easy-to-use GUI
- Supports SD or HD streams
- On board transport stream files
- 1 RU industrial PC
- 10/100 BT
- 500 GB Hard Drive or larger storage lets you build, maintain, and use a large local library of Video Clips
- Larger hard drive optional
- Includes PID analyzer which allows selection of any set of PIDs to capture
- Continuous playback by time
- Continuous playback by data
- 188 or 204 Byte packets
- 60 Mbps throughput standard
- 100 Mbps throughput with RAID
- Playlist support option
- Optional hot swappable hard drive
- Available in three forms:
  - Rackmount
  - Lunch box
  - Supermicro server
- Runs on Windows® 7

## Applications

- Ideal for generating test streams for testing STBs and trade show signal source
- Capturing transport streams for analysis and repurposing
- IRD/STB Design and Manufacturing Testing
- Evaluation of Professional MPEG Equipment
- Performance Verification of MPEG Systems
- Scheduling of Stream Payout and Recording for Broadcast and Production Line Applications
- Backup signal sources



*Available in any one of the units shown above*

## Overview

The **T-Streamer™/ASI** is a transport stream recorder player with an integrated transport stream analyzer and transport stream viewer. It is designed to work with our DVB Master™ product family. We envision this product to be useful in product testing and development, and also in real world broadcast applications. It is designed for 24/7 operation, and when shipped in a high availability Supermicro server it has been shown to be extremely reliable.

Several features of the T-Streamer/ASI make it useful in both lab and broadcast environments. A new feature is the ability to play a playlist in sequence. This can be useful in the broadcast industry. The onboard transport stream analyzer is useful to enable you to visualize the services within the incoming stream and filter out the streams you wish to capture. The built-in analyzer displays the tables that are present in a multiprogram stream and helps you decide whether the particular stream you wish to capture has the correct table structure. The built-in transport stream viewer is very handy for viewing and monitoring any valid transport stream. The remote management feature allows this device to sit anywhere on your network. The ability to manage it remotely makes it very convenient to use. Remote management allows you to start or stop recording or playback with a browser via the Internet. We also have the capability to capture and play back transport streams that arrive or are sent out via the Internet. The T-Streamer/ASI ships with our DVB Master FD™ (Full Duplex) PCI card, which allows this card to capture and play back at the same time. Six transport streams are included with the T-Streamer/ASI. Additional transport streams can be requested at time of purchase.



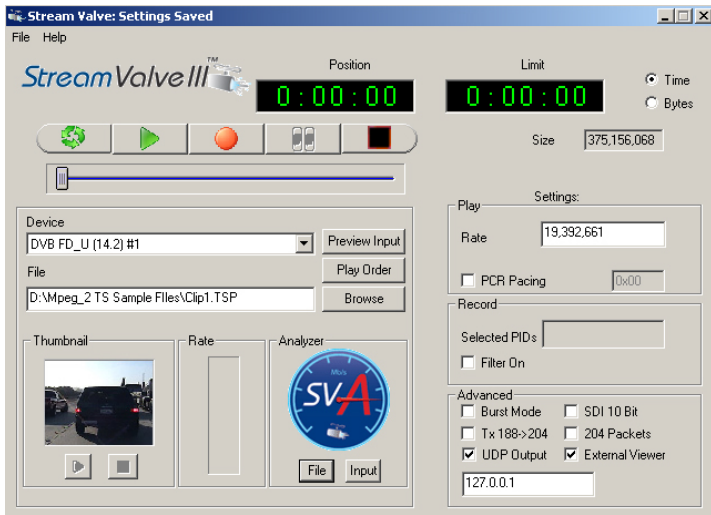
**Computer Modules, Inc.**

**11409 West Bernardo Court**

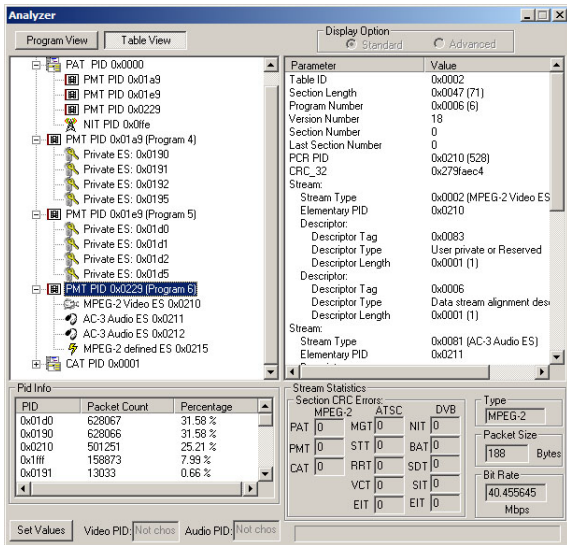
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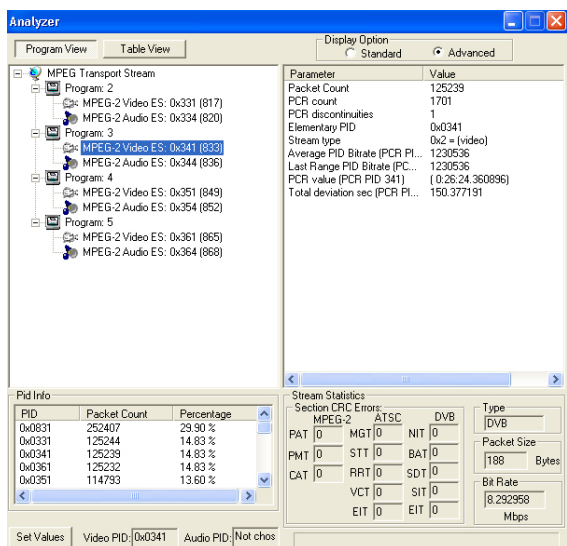
[www.dveo.com](http://www.dveo.com)



Main GUI with viewer



Analyzer GUI – table view



Analyzer GUI – program view

## Standard System

- 4 RU Industrial Computer (Black) with rails
- P4 Motherboard with 10/100/1000 BT
- 1024 MB Ram 16MB Video 48x CD/DVB
- 500 GB – SATA HD
- Windows® 7
- LCD front panel touch screen
- Dimensions: 16.5” (W) x 17.625” (D) x 6.5” (H)  
(419 mm x 448 mm x 165 mm)

## High Availability System

- 1 RU 19 inch Supermicro, 100/1000 Gig E, 1 GB RAM
- 32 MB video
- 48x CD/DVB ROM
- 500 GB - SATA Hard Drive or RAID “0” of multiple drives
- Windows® 7
- Hot Swap Hard Drive
- Hot Swap power supply

## Ordering Information

- T-Streamer/ASI
    - Standard T-Streamer/ASI in 1RU 19” rack with 500 GB HD and LCD front panel
  - Extended T-Streamer/ASI/EXT W
    - Extended warranty for two years with Express Drive Exchange
  - T-Streamer/ASI/HA/XX
    - High Availability T-Streamer/ASI with 500 GB HD in 19” 1 RU Supermicro computer
  - T-Streamer/ASI/LB
    - T-Streamer/ASI in a “Lunchbox” instrument case
- NOTE:** No keyboard, mouse, or monitors are shipped with any T-Streamer/ASI.

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