

T-STREAMER™/IP

MPEG-2 Transport Stream Player and Recorder with IP Input and Controlled Rate TCP/IP Output with GUI-Based Menu. Useful for Validation and Testing of High Speed Fiber Optic Links. Also Well Suited For Testing Copper-Based Slow or High Speed IPTV Links. Supports H.264 Transport Streams.



Features

- MPEG-2 transport stream input and output over IP
- Features rich easy-to-use GUI
- Rate Control for IP transmission provided by proprietary technique
- Compatible with HD, H.264, or SD streams
- 120 GB Hard Drive
- Bit rate to 200 Gbps
- Supports both SPTS and MPTS
- Supports 10BT, 100BT, Gig/E, in and out
- IP in and out over Gig/E or 100BT
- Includes automatic transport stream Analysis Utility with PID and PCR clock info
- After analysis, user can choose to capture all PIDS or any set of selected PIDS
- Automatically uses the TS PCR info to calculate proper transport stream rate
- Selectable 188/204 packet size with auto conversion
- Continuous play or single play modes
- Time duration, packets, or xN repeat settings
- Buffer overrun or underrun warnings
- MPEG-2 TS software viewer monitors output
- Comes with customized transport streams preloaded on request
- Available in three forms:
 - Slim PC
 - Rackmount
 - Lunch box
- Windows® XP

Applications

- Ideal for generating test streams for testing Fiber Optic and other High Speed IP links
- Backup source for TS over IP
- Snooping or capturing TS over Gig/E IP traffic
- Monitoring or viewing a TS over Gig/E IP streams
- Video over IP server for VOD testing

Overview

The **T-Streamer™/IP** is a transport stream recorder player with an integrated transport stream analyzer and transport stream viewer. It is ideal for testing high speed fiber optic links and copper-based IPTV links. 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 Dell server it has been shown to be extremely reliable. Several features of the T-Streamer/IP 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 remote management feature allows this device to sit anywhere on your network. Remote management allows you to start or stop recording or playback with a browser via the Internet. Six transport streams are included with the T-Streamer/IP. Additional transport streams can be requested at time of purchase.

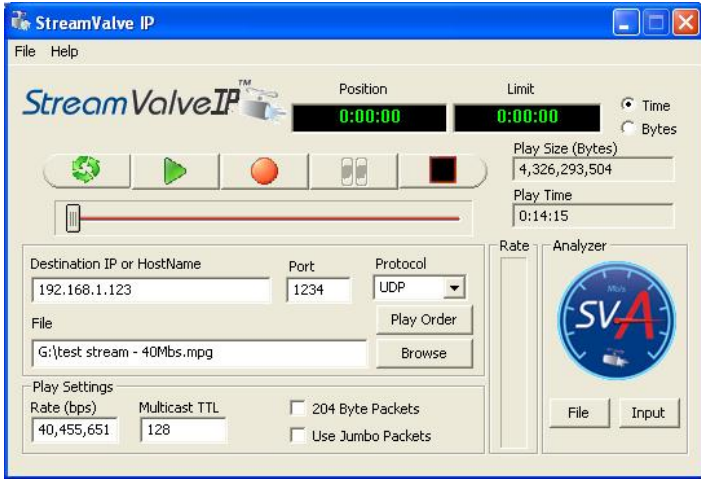


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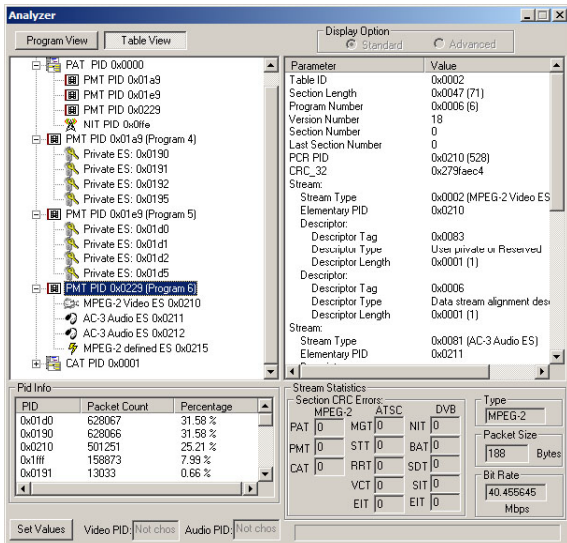
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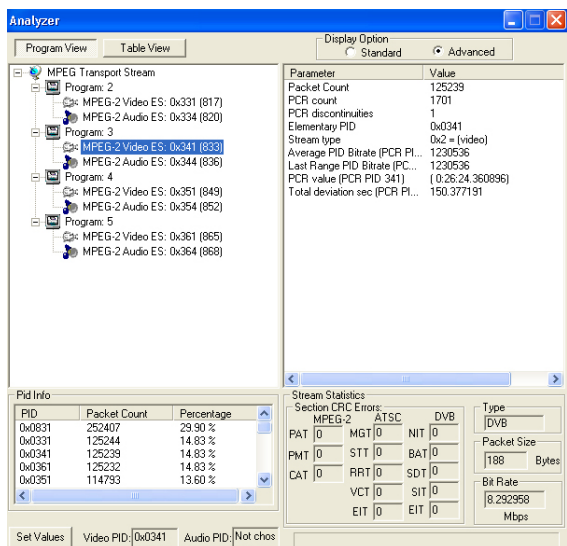
Screen Shots



Main GUI



Analyzer GUI – table view



Analyzer GUI – program view

Specifications

Standard System

- 1 RU 19" Industrial Computer (Black) with rails
- P4 Motherboard with 100/1000 BT
- 256 MB Ram 16MB Video 48x CD/DVB
- 120 GB - ATA HD
- Windows® XP

High Availability System

- 1 RU 19" in Dell PowerEdge 750 P4 Motherboard with 100/1000 Gig E 512 MB Ram
- 32 MB video
- 48x CD/DVB ROM
- 240 GB - ATA HD
- Windows® XP
- Optional Hot Swap HD

Ordering Information

- T-Streamer/IP
 - Standard T-Streamer/IP in 1RU 19" rack with 120 GB HD
- Extended T-Streamer/IP/EXT W
 - Extended warranty for two years with Express Drive Exchange
- T-Streamer/IP/HA/XX
 - High Availability T-Streamer/IP with Dell PowerEdge Server 240 GB HD in 19" 1RU rack
 - * 24/7 phone and online support from Dell, OR
 - * 24/7 phone and online support plus same day (4 hour) on-site service from Dell
- T-Streamer/IP/SP
 - T-Streamer/IP in a slim portable case
- T-Streamer/IP/LB
 - T-Streamer/IP in a "Lunchbox" instrument case

NOTE: No keyboard, mouse, or monitors are shipped with any T-Streamer/IP.

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