

T-STREAMER™/IP IV

MPEG-2 or H.264 Transport Stream Recorder/ Player System with IP Input and Output for Continuous Playback and/or Capture of Transport Streams from a "Bouquet" by Time. Includes a Built-in Transport Stream Analyzer and Playback and Record Scheduler. Ideal for Scheduled Playback at Cable Head Ends and Hotels.



Available in any one of the units shown above

Features

- MPEG-2 or H.264 transport stream input and output over IP (UDP/TCP/RTP)
- Option for multiple NIC cards
- Rate Control for IP transmission provided by proprietary technique
- Advanced Playback and Record Scheduler for Day, Week, or Month
- Compatible with HD, SD, MPEG-2 and H.264 streams
- Single or multiple STB drives
- Supports unicast, multicast, and broadcast
- Bit rate to 200 Mbps
- Supports both SPTS and MPTS
- IP in and out over 10BT, 100BT, Gig/E
- Includes automatic transport stream Analysis Utility with PID and PCR clock info
- Automatically uses the TS PCR info to calculate proper transport stream rate
- Continuous play or single play modes
- Limit capture or playback by time or by size
- MPEG-2 TS software viewer monitors output
- Available in three forms:
 - 4 RU Rackmount with monitor
 - 1 RU Rackmount
 - Lunch box
- Windows® XP

Applications

- Ideal for scheduling recording and playback at cable head ends and hotels
- Digital signage video management
- 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/IV** is an IP transport stream recorder player with an integrated record and playback scheduler and transport stream viewer. We envision this product to be useful in real world broadcast applications. It is also useable in Digital Signage video management, and for use in hotels and Low Power Broadcast Stations where a simple-to-use video playback application is best. It is designed for 24/7 operation, and when shipped in a high availability Dell server it has been shown to be extremely reliable.

The T-Streamer/IP IV features a Scheduler that enables users to schedule recordings and playouts for a specific time and date, or on an hourly, daily, weekly, or monthly basis. It also makes it easy to add multiple schedules for the same day.

The T-Streamer/IP IV allows you to play a playlist in sequence, or a complete random schedule. This can be useful in the broadcast industry. A new feature is the ability to select the NIC. The NICs can be connected to different networks. You can capture a stream from one network and play back files to a different network.

The onboard transport stream analyzer is useful to enable you to visualize the services within the incoming stream. It 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.

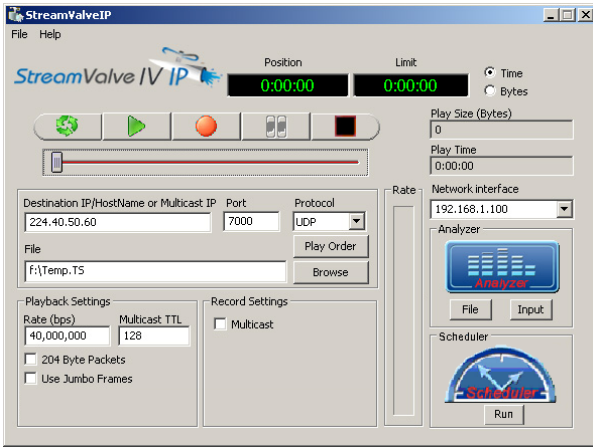


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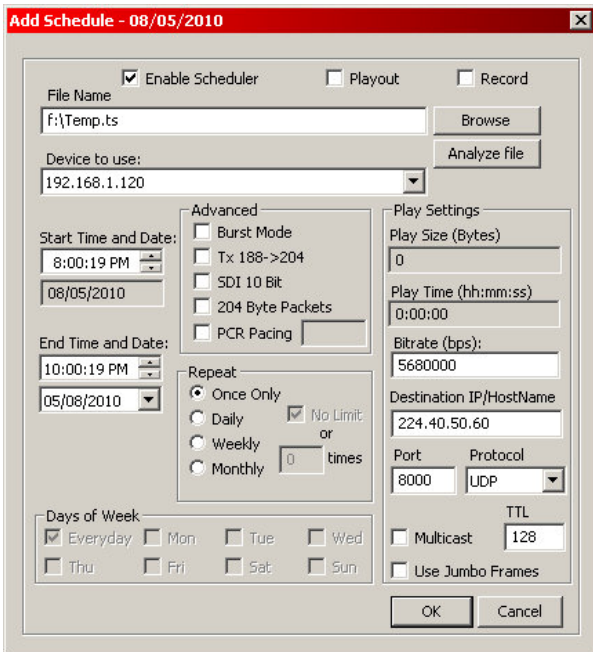
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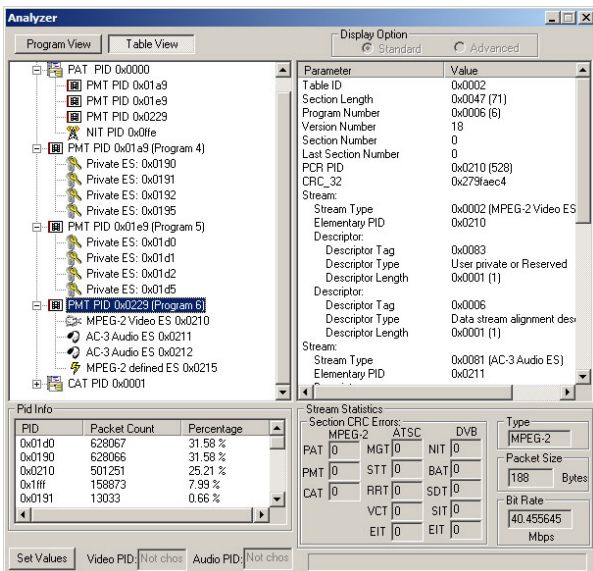
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Main GUI



Advanced Playback and Recording Scheduler for Single Playback or Recording, or for Day, Week, or Month



Analyzer GUI – table view

Standard System

- 4 RU Industrial Computer (Black) with rails
- P4 Motherboard with 100/1000 BT
- 1024 MB Ram 16MB Video 48x CD/DVB
- 500 GB – SATA HD
- Windows® XP
- 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® XP
- Hot Swap Hard Drive
- Hot Swap power supply

Ordering Information

- T-Streamer/IP IV
 - Standard T-Server/IP in 4 RU rack with 500 GB HD and LCD front panel
- Extended T-Streamer/IP IV/EXT W
 - Extended warranty for two years with Express Drive Exchange
- T-Streamer/IP IV/HA/XX
 - High Availability T-Streamer/IP IV with 500 GB HD in 19” 1 RU Supermicro computer
- T-Streamer/IP IV/LB
 - T-Streamer/IP IV in a ruggedized, luggable “Lunchbox” instrument case

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

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