

## Samim TSP-1000 User-Friendly Interface

Samim TSP-1000 includes a user-friendly interface which can be accessed through web or internal networks over IP or other protocols like SNMP. By the interface, TSP admins are able to configure all the settings and put the product to work under a detailed monitoring and analysis. They can define specific user levels and their related access permissions to provide a comprehensive and secure management of the product operations. Moreover, the operators benefit from an embedded web server for TSP control and configuration to provide fast, smooth and protected workflows in real-time.

Through the UI, Transport Stream Analyzing can be monitored in three different view modes: PID, Service and Table; This feature is very important for Broadcasters and live media publishers.



Through the web-based user interfaces of all Samim products, operators can easily perform controlling and monitoring tasks in real-time.

# TSP-1000

1RU DVB-S/S2/S2x DVB-T/T2 DVB-ASI TSoIP

- Integrated Receiver
- TS Multiplexer and Descrambler
- TS IP Streamer





## Samim TSP-1000

Integrated Receiver, TS Multiplexer, Descrambler & IP Streamer

TSP-1000 is a hardware-based, 1 RU, real-time transport stream multiplexer with IP, ASI, and tuner (DVB-S/DVB-T) support capabilities. Providing a rich set of interfaces and features, it represents a new generation of equipment for DTV headends. It offers innovative features to meet the need for increased levels of performance and scalability. TSP-1000 provides multiplexing, re-multiplexing, PSI/SI processing, and data injection of hundreds of services received and delivered over DVB-ASI and IP outputs with auto PSI/SI table generation and PCR correction. Samim TSP - 1000 supports both service and

component - level multiplexing. Powerful Real - Time MPEG TS analyzer and output TS program modifying such as name, PID, PCR PID, and program number are available in Samim TSP - 1000.

With this combination of flexibility, scalability, and serviceability, the platform can handle everything from one transport stream over an ASI connection to re-multiplexing hundreds of programs into multiple output streams with IP encapsulation. Its high-integrated and cost - effective design makes it widely used in various digital broadcasting distribution systems.

## Applications



Contribution / backhaul headend to the regional headend and the transmitter sites



Satellite, Terrestrial and Cable TVs in addition of IPTVs

## Key Features

- Automatic advanced PSI/SI insertion and processing
- Service, component, PID, PMT management and re-mapping
- Automatically supports PCR re-stamping
- BISS 1 & E decoding
- Input stream monitoring with redundancy
- Supports UDP and RTP encapsulation
- Web and SNMP control and monitoring
- Compact 1RU cabinet
- Up to 8 ASI inputs and outputs, up to 213 Mb/s per interface
- Up to 10 Tuner DVBS/S2 & DVBST/T2 Types
- Up to 255 UDP/RTP TSolP input stream support on GbE
- Multiplexing/Re-multiplexing of a large number of transport streams received over ASI, TSolP, DVBS/T Tuner
- Advanced management of PSI/SI/PSIP tables, service filtering, and remapping
- Multiple transport streams generated and delivered over the output interfaces
- Redundant hot-swap power modules (from front side)
- Front control panel

## Key Benefits

- Modular and scalable solution with wide range of useability
- High-integrated and cost-effective design
- Real-time TS analyzing in PID, Service and Table modes
- Embedded input redundancy
- Selectable table lists to be analyzed
- Web and SNMP control and monitoring
- User-friendly interface for settings administration
- Professional support plus technical services included

