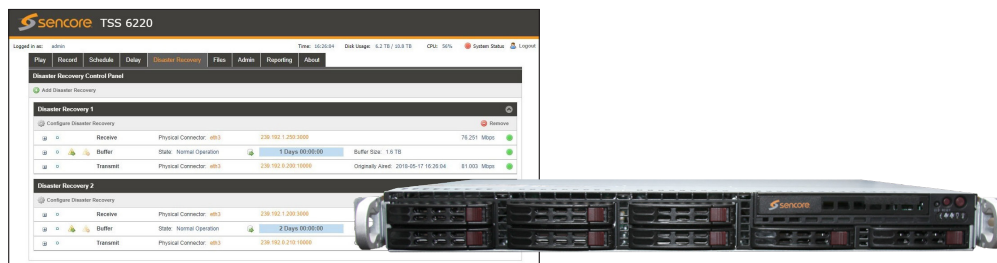




TSS 6220

Transport Stream Server



The TSS 6220 Transport Stream Server is the latest in Sencore's long line of media server products. It provides robust IP and ASI streaming, recording, archiving, time-delay and disaster-recovery capabilities for customers looking for a simple and cost-effective channel-in-a-box, channel-processing or storage product.

With the onboard storage and FTP/SMB file management, the unit can take stored media files and play them out according to user-supplied schedules for channel creation or en-masse for network testing and lab use. The recording option makes it easy to schedule and make captures for later playout or analysis.

The time-delay and disaster-recovery options provide intuitive time-shifting and long-term storage/replay capabilities with incredibly simple setup, configuration and status monitoring. Enhanced features like multiple delays from the same buffer and automated disaster-mode activation make the TSS 6220 usable in a huge variety of applications.

With its intuitive web UI, full web API remote control, and SNMP capabilities, the TSS 6220 offers users a simple, reliable and powerful solution for operational and lab environments.

The TSS 6220 has multiple rackmount chassis options ranging from 1RU to 3RU depending on storage requirements. The systems can also include redundant power supplies, multiple network ports and other expansion options.

KEY FEATURES

- Effortlessly manage playlists, streaming, recording, time-delay and disaster-recovery features through the web UI
- Upload and download media files from onboard storage with FTP and SMB
- Stream hundreds of files or multiple scheduled playlists of content
- Powerful recording option for capturing streams to replay or analyze
- Accurate time-delay for dozens of streams simultaneously
- Unique disaster-recovery option for cost-effective backup of primary broadcast systems
- Long-term archiving feature to capture and organize content on a 24/7 basis.
- Support for MPEG-2, H.264, HEVC/H.265 video and all audio formats
- Robust MPEG over IP input and output capabilities including multiple 1Gbps and 10Gbps ports
- ASI input and output ports (Optional)
- Full and open web API and SNMP capabilities
- Multiple chassis and storage options to fit any application

APPLICATIONS

- Broadcast Headend – Create multiple automated channels of content using onboard media files and user-supplied schedules. Capture streams for later playout.
- Time-Zone Shifting – Effortlessly delay streams by minutes/hours/days for broadcast of content throughout the world.
- Disaster-Recovery Backup - Capture already-broadcast content for days or weeks to use when primary redundancy goes down. Automated disaster detection and playout capabilities.
- Content Archiving – Capture incoming content 24/7 into segmented files. Easily retrieve segments for investigating regulatory, compliance and other errors in the broadcast.

TSS 6220

Transport Stream Server

SPECIFICATIONS

PHYSICAL INTERFACES

Included IP Ports:	2x RJ45 1Gbps (Each port can be used for streaming and/or management)
Additional IP Ports (Option):	2x RJ45 1Gbps Fiber 2x SFP 1/10Gbps
ASI I/O (Option):	2x Input Ports (75ohm BNC) 2x Output Ports (75ohm BNC)

INPUT AND OUTPUT FORMATS

IP Input Formats:	UDP or RTP RTP Header Extensions Supported
IP Output Formats:	UDP or RTP
IP Encapsulation:	1 to 7 TS Packets per IP Packet
IP Addressing:	Unicast or Multicast
IGMP Compatibility:	Version 1, 2 & 3
IP Bitrates:	250 Kbps to 200 Mbps

File Types:	Transport streams (.ts, .trp) PCAP Ethernet capture (.pcap)
-------------	--

MANAGEMENT

Protocols:	HTTP and SNMP
User Interfaces:	Full control via web GUI
Automation Interfaces:	Full status and control via SNMP Configurable SNMP traps Web services API available Syslog message logging
Firmware Updates:	Via web GUI

POWER

Voltage:	100-240V
Frequency:	50-60Hz
Redundancy:	Dual, hot-swappable supplies* (*does not apply to TSS 62220)
Protocols:	HTTP and SNMP

CHASSIS OPTIONS

TSS 62220:	1RU chassis suitable for high-performance streaming, scheduled playlists and simple recording.
TSS 62221:	1RU chassis suitable for time-delay, disaster-recovery and archive recording.
TSS 62222:	2RU chassis suitable for time-delay, disaster-recovery and archive recording.
TSS 62225:	1RU economical chassis suitable for time-delay, disaster-recovery and archive recording up to 150Mbps throughput.

STORAGE OPTIONS

SSD Hard Drives:	Streaming and playlists High-performance recording
Intended Use:	1Gbps+ for streaming-only 300-400Mbps for time-delay and disaster-recovery
Cumulative Performance:	RAID-5 for time-delay and disaster-recovery
Redundancy Configuration:	RAID-5 for time-delay and disaster-recovery
SAS Hard Drives:	Long-term storage for time-delay disaster-recovery and recording
Intended Use:	200-250Mbps for time-delay and disaster-recovery
Cumulative Performance:	RAID-6 for time-delay and disaster-recovery
Redundancy Configuration:	RAID-6 for time-delay and disaster-recovery

* Physical dimensions and operating conditions vary depending on chassis and storage selection.

