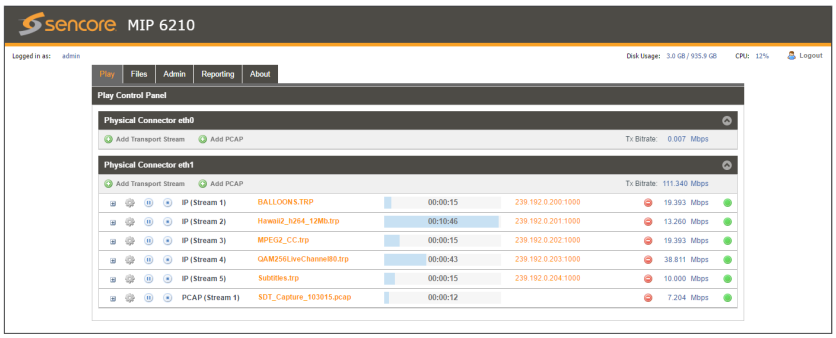
MPEG over IP Streamer

MIP 6210-Mini



OVERVIEW

The MIP 6210-Mini is a small form-factor version of Sencore's full-featured MIP 6210 high-rate IP streamer product. It brings Sencore's years of experience offering innovative professional streams and media players into a simple and cost-effective solution.

The MIP 6210-Mini effortlessly aids in the design, verification, manufacturing and deployment of digital TV equipment and systems. The ability to play out multiple IP streams simultaneously makes it the perfect signal source for digital signage, tradeshow signals and set-top box firmware updates.

With the onboard file storage and FTP/SMB file management, the unit can take stored media files and play them out as IP unicasts or multicasts. The MIP 6210-Mini also supports playout of multiple PCAP Ethernet capture files. With the impairments license, jitter can be added and packets purposely dropped to aid in testing network and error resiliance. The recording option makes it easy to schedule and make captures for later playout or analysis.

With its intuitive web UI, full web API remote control, and SNMP capabilities, the MIP 6210-Mini offers users a simple, reliable and powerful solution for operational and lab environments.

KEY FEATURES

- Stream up to 10 MPEG-TS files simultaneously
- Stream multiple PCAP Ethernet capture files containing any type of packet traffic
- Support for MPEG-2, H.264, HEVC/H.265 video and all audio formats
- Upload and download media files from onboard storage with FTP and SMB
- Integrated seamless looping capabilities for continuous stream playout
- Powerful recording option for capturing streams to replay or analyze
- UDP or RTP IP mapping protocol support with unicast or multicast capabilities
- Easily configure output parameters such as source IP address, destination IP address, MAC address, UDP/RTP and many others
- Full and open web API and SNMP capabilities
- Simple and intuitive webUI for all control
- Add jitter and purposely drop packets with the impairments add-on license

APPLICATIONS

- Test Labs – Supply reliable MPEG-TS and PCAP signal sources for testing equipment such as decoders, transcoders,multiplexers, scramblers, descramblers, televisions, etc.
- Tradeshow/Demonstration – During tradeshows and demonstrations, it can provide signals as inputs to equipment on display.
- Manufacturing - Generate test streams manually or with autimation for the manufacturing of IP set-top boxes and other IP equipment.
- Digital Signage - Spool video content for digital signage applications or spool firmware for STB updates.

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SPECIFICATIONS
MPEG over IP Streamer MIP 6210-Mini

PHYSICAL INTERFACES

IP Ports:	2x RJ45 1Gbps (Each port can be used for streaming and/or management)

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
File Types:	MPEG 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

CHASSIS

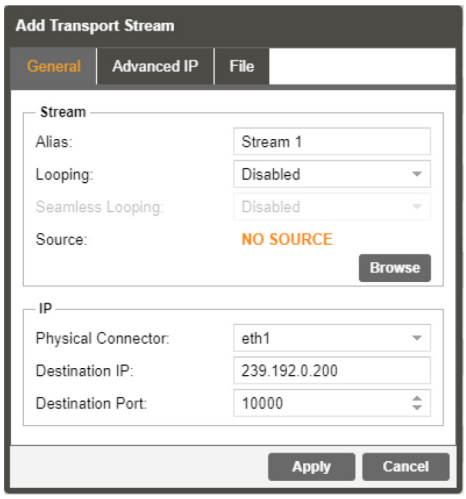
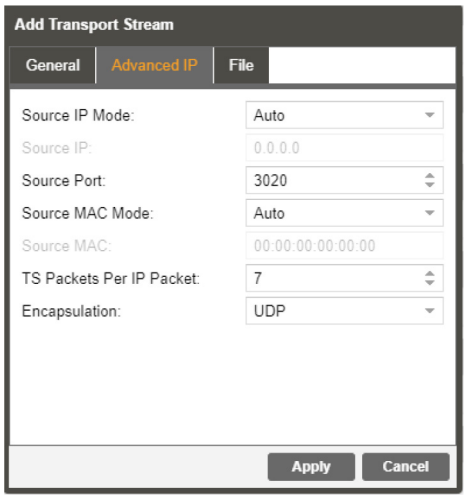
Type:	All-in-one mini PC
Dimensions:	2.2" x 5" x 5" (HxWxD) 55mm x 128mm x 128mm
Cooling:	Passive; Fanless
Stream Storage:	900GB

POWER

Voltage:	100-240V
Frequency:	50-60Hz
Maximum Power:	120W

PERFORMANCE

Streaming Output:	360Mbps (Disk to all outputs)
Recording Input:	180Mbps (All inputs to disk)
Streaming plus Recording:	360Mbps (Total in + out)

OPTIONAL LICENSES

Record License:	Add ability to record up to 10 simultaneous TS or PCAP streams
Impairment License:	Add ability to purposely insert jitter and/or drop packets in IP outputs