

## FEATURES

- ▷ Powerful dual XEON based video processor.
- ▷ Configurable video/audio inputs
- ▷ Individually brand streams with bitmap overlays (e.g., logos and graphics)
- ▷ Web interface and SNMP provide remote setup, control and monitoring

## APPLICATIONS

- ▷ Broadcasters
- ▷ Houses of worship
- ▷ Boardroom
- ▷ Government
- ▷ Network service providers
- ▷ Remote Streaming
- ▷ Webcasting
- ▷ Mobile TV
- ▷ IPTV
- ▷ Education



The 9300 series is the most powerful XEON based system, compact dual channel streaming appliance that is designed for a wide variety of IP video applications. This time proven system comes with Niagara SCX® web-based software application that allows for easy setup and management of encoders and streams. Additional audio & video input options make the 9300 a perfect solution for almost any professional studio or video facility.

### Models

The 9300 series can have a variety of inputs and outputs. The SDI interfaces also support ASI functionality.

### Reliability at an affordable cost

With solid-state storage technology and a server platform that has been proven over many years of operation, the 9300 provides the reliability that you need for a scalable, highly flexible video processing system.



Back View 9300P-2D



Back View 9300P-4D

## TECHNICAL SPECIFICATIONS

### Video/Audio Interfaces

Video Inputs/Outputs	SDI, HDMI, IP
Audio Input	Embedded
Input Connectors	Micro-BNC, HDMI

### Encoding/Decoding

Encoding Formats	Adobe® Flash® H.264 (RTMP and RTMPS) Adobe® Flash dynamic streaming Apple® HTTP Live Streaming (HLS) Microsoft® Live IIS Smooth Streaming MPEG-4, H.264 MPEG 2 Transport Stream, H.264 and MPEG 2 codecs
------------------	---

### Transcoding


### Video Format

	SMPTE 259M and 292M SDI standards
--	-----------------------------------

### Connectivity

USB ports	4 rear panel
Ethernet	2 x 10 Gbit ports

### Pre-Processing

	Adaptive de-interlacing
	Video cropping and rescaling
	Aspect-ratio conversion or pass-through
	Frame rate down-conversion
	Video preview
	Logo & Slate insertion

	Closed-caption support
--	------------------------

### Software

	Niagara SCX®
	SNMP
	Web-based user-interface

### Hardware:

	Multi-core processor
	Solid state hybrid drive (500 GB/1 TB)

### Mechanical/Environmental

Chassis	1.7" H x 17.2" W x 23.5" D (43 cm x 437 cm W x 597 cm D)
Operating Temperature	
Weight	46 lb (20.9 Kgs)

### Power

	750W AC Redundant PS
--	----------------------

### Additional Contents

	Power Cables Quickstart guide
--	----------------------------------

### Hardware Warranty

	1 year limited hardware warranty
--	----------------------------------

## ORDERING INFORMATION

Part #	DESCRIPTION
9300P-TR	Transcoder, system is only limited by performance. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more. Support for multiple audio programs and closed caption sources.
9300P-1D	Encoder/Decoder with 1 SDI/ASI input/output. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more.
9300P-2D	Encoder/Decoder with 2 SDI/ASI inputs/outputs. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more.
9300P-4D	Encoder/Decoder with 4 SDI/ASI inputs/outputs. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more.

**ORDERING INFORMATION, page 2**

Part #	DESCRIPTION
9300P-8D	Encoder/Decoder with 8 SDI/ASI inputs/outputs. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more.
9310P-TR	Transcoder, system is only limited by performance. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more. Support for multiple audio programs and closed caption sources. Additional 20% CPU power.
9310P-8D	Encoder/Decoder with 8 SDI/ASI inputs/outputs. Supports all popular IP inputs and outputs - UDP, RTSP, HLS, RTMP, SRT and more. Video codecs include H.264, HEVC and MPEG2. Audio codecs include AAC, AC-3 and more. Additional 20% CPU power.