

Niagara® 6226

Streaming Media Encoder



Multi-Channel Streaming and Archiving

The **ViewCast Niagara® 6226** is a pre-configured, plug-and-play, standard-definition (SD) media encoder designed and optimized to capture, encode, stream and archive premium quality audio and video. The Niagara 6226 is the smart choice for studios, broadcasters, government agencies, CDN providers, and enterprise IT professionals.

The Niagara 6226 features two independent channels configurable as analog or serial Digital Interface (SDI) and Digital AES/EBU Audio inputs. This system accepts popular worldwide video and audio standards.

All ViewCast Niagara systems include two of our most versatile software applications – Niagara SCX® and SimulStream® – both pre-configured and ready to use. These award-winning tools empower you to set up, control and monitor multiple Niagara streaming systems throughout an enterprise or over the Internet, using a single, easy-to-use interface. Capture, encode, stream and archive video in a wide variety of popular encoding and streaming formats.

Niagara SCX, together with SimulStream, enables you to create multiple streams in different formats simultaneously, giving you the flexibility to create exactly the right content for your various audiences. This means you can encode different streams for Intranet users, high-speed Internet users, dial-up users, and viewers on mobile devices – all at the same time!

You can size and scale each individual stream, and customize each stream with bitmap overlays (e.g., logos), closed-caption pre-rendering, etc. No other media encoder on the market today offers this level of flexibility and convenience – another reason ViewCast is a global leader in the industry.

Upgrade to Niagara SCX Pro and add MPEG-4 streaming and capture-to-file capabilities to deliver content to the latest Internet-enabled video devices, as well as a wide array of mobile devices.

Ideal Solution for:

- > Enterprises
- > Broadcasters
- > Government
- > Content Delivery Networks

Applications

- > Webcasting
- > Live streaming
- > Podcasting
- > Mobile TV
- > Archiving

Key Attributes

- > Captures, encodes, streams and archives video and audio content from analog or digital sources.
- > Generates a variety of encoding and streaming formats at the same time.
- > Captures and encodes live video for streaming to the Internet and to mobile devices.
- > Simultaneously streams in multiple formats at multiple resolutions in multiple bitrates.
- > Enables customized streams with bitmap overlays (e.g., logos, graphics) and closed-caption pre-rendering.
- > Single interface provides set up, control and monitoring of multiple streaming systems.

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Encoding Formats

- Windows Media® (*Silverlight™ compatible*)
- RealVideo®
- Adobe Flash® (*file only*)
- Uncompressed AVI
- MPEG-4 (*with Niagara SCX Pro upgrade*)

Inputs:

Video:

- 2 SDI
- 2 S-Video (*mini-DIN*)
- 2 Composite (*BNC, RCA adapter included*)

Audio:

- 2 Embedded SDI Audio
- 2 AES/EBU
- (2 Pair) balanced stereo (*XLR*)
- (2 Pair) unbalanced stereo (*RCA*)

Connectivity:

USB Ports:

- 2 rear panel

Ethernet:

- 2 x 1Gbit Ports

Software:

- Niagara SCX Standard
- SimulStream

Hardware:

- 2 x Dual-Core Processors
- 2 x 250GB SATA Hard Drives
- 1 GB Memory
- DVD-RW Drive

Weight:

- 40 lbs (*18.1 Kgs*)

Dimensions:

- 2U Rack Mount Encoder (3.5" H x 19" W x 24.5" D)

Power:

- 300W Power Supply

Hardware Warranty:

- 2 Year limited hardware warranty

