

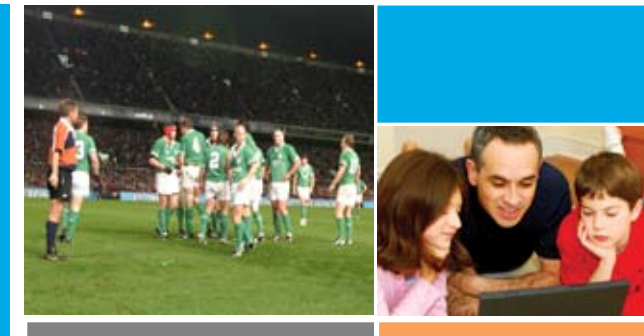
Niagara Product Comparison Chart

www.viewcast.com | 3701 W. Plano Parkway, Suite 300 | Plano, Texas 75075-7840 | 972-488-7200 | 800-540-4119

		6200 Analog	6200 Digital	GoStream	GoStream PLUS	Niagara Pro
Physical	Form Factor	Rack Mount	Rack Mount	Portable	Portable	Rack Mount
	A/V Channels	2	2	1	1	2
Video Input	Weight	55 lbs.	55 lbs.	8 lbs.	8 lbs.	70 lbs.
	Dimensions	2RUx19Wx24.5D	2RUx19Wx24.5D	4.5Hx8Wx15.5D	4.5Hx8Wx15.5D	2RUx19Wx23D
Video Monitoring	Category	Integrated System	Integrated System	Appliance	Appliance	Appliance
	Composite BNC	2	2	1	1	2
Audio Input	Test Signal Feed BNC	2	2	1	1	1 (Channel switchable)
	Unbalanced RCA	2 Pair	2 Pair	2 Pair	2 Pair	2 Pair
Audio Monitor Out	Balanced XLR	2 Pair	2 Pair	2 Pair	2 Pair	2 Pair
	Unbalanced BNC	2	2	1	1	2
Video Formats	AES/EBU	2	2	1	1	2
	Embedded SDI	2	2	1	1	2
Video Preprocessing	Stereo Headphone Jack (3.5 mm)	2	2	1	1	1 (Channel switchable)
	Unbalanced Stereo Line Level (3.5 mm)	2	2	1	1	2
Audio Preprocessing	Unbalanced Stereo Line Level (RCA)	2	2	1	1	2
	NTSC (M/M-J)	•	•	•	•	•
VBI	PAL (B/D/G/H/I)	•	•	•	•	•
	SECAM (B/D/G/H/K/L/L1)	•	•	•	•	•
Video Formats	Deinterlace	•	•	•	•	•
	Gamma Correction	•	•	•	•	•
Audio Formats	Tuning Utilities (Vectorscope/Waveform)	•	•	•	•	•
	Cropping	•	•	•	•	•
Output Types	Scaling	•	•	•	•	•
	Bitmap Overlay	•	•	•	•	•
Supported Resolution	32,44,1, 48kHz Sampling	•	•	•	•	•
	HW gain and attenuation	•	•	•	•	•
Software Included	Closed Caption Extraction & Overlay	•	•	•	•	•
	Closed Caption to Text Output	•	•	•	•	•
Power	Windows Media	•	•	•	•	•
	Real Video	•	•	•	•	•
Compliance	Flash (v6)	•	•	•	•	•
	AVI	•	•	•	•	•
Supported Resolution	MPEG-4 Part 2 (H.263)	Option	Option	•	•	•
	MPEG-4 Part 10	Option	Option	•	•	•
Software Included	Windows Media	•	•	•	•	•
	Real Audio	•	•	•	•	•
Power	AMR Narrowband	Option	Option	•	•	•
	AAC	Option	Option	•	•	•
Compliance	MP3	Option	Option	•	•	•
	Windows Media	•	•	•	•	•
Supported Resolution	RealMedia	•	•	•	•	•
	Flash (v6)	•	•	•	•	•
Software Included	AVI	•	•	•	•	•
	AMR	Option	Option	•	•	•
Power	3GPP	Option	Option	•	•	•
	3GPP2	Option	Option	•	•	•
Compliance	Up to CIF Resolution	•	•	•	•	•
	Up to Full Resolution	•	•	•	•	•
Software Included	Niagara SCX	•	•	•	•	•
	Niagara SCX Pro	•	•	•	•	•
Power	Niagara SCX Web Interface	•	•	•	•	•
	Osprey Simulstream	•	•	•	•	•
Compliance	AC	115-230 VAC	115-230 VAC	100-240 VAC	100-240 VAC	100-240 VAC
	+14VDC (battery power operation)	•	•	•	•	•
Software Included	FCC 47CFR Part 15 Class A	•	•	•	•	•
	CE Mark	•	•	•	•	•
Compliance	RoHS	•	•	•	•	•



Portable, One-button Streaming



VIEWCAST NIAGARA STREAMING MEDIA ENCODER SYSTEMS

INTERNET VIDEO | LIVE STREAMING | INTERNET TV BROADCASTING

The time for a Niagara® GoStream or Niagara GoStream Plus is today! The question is no longer whether or not you can manage to wait to add streaming media to enhance your communications applications, but whether you can manage not to. Streaming media is a win-win application, offering efficient and cost-effective communications that will take allow your to distribute your message everywhere.

The Niagara GoStream will make your experience with streaming a win-win situation, and keep you empowered while you proactively engage yourself in the world of streaming technologies. Case in point: In today's market, Internet TV is growing at an exponential rate, although many potential content creators do not have broadcasting or streaming media experience. GoStream makes Internet video streaming accessible to virtually everyone.

The first of its kind, the Niagara GoStream is a portable streaming encoding unit, and its ease of use makes capturing and streaming video uncomplicated. This single channel encoder is designed for the most novice of users. GoStream and GoStream Plus feature three EZStream® buttons, which allow users to select from pre-defined encoding profiles.

With its portable, streamlined chassis design, intuitive front panel, and EASE control menus, streaming set-up is quick and easy. Pre-defined encoding profiles allow streaming to begin simply with the push of a button.

FEATURES

- Full portability and mobility can be achieved with wireless and battery options that create a system that can be used anywhere a wireless network is available
- Advanced setup and profiles allow experienced users to customize the configurations
- EASE Menus allow basic encode/setup from the front panel interface
- USB ports allow easy installation of software upgrades, encoding of profiles, and transfer of archive files
- Client management software and Web-based encoder configuration is included

SPECIFICATIONS

- Video Input: Composite (BNC connector and includes an RCA adapter), S-Video
- Audio Input: Unbalanced stereo (2 x RCA), Balanced stereo (2 x XLR)
- 2 USB ports (one on the front panel and one on the rear panel)
- 2 Ethernet network ports
- iPod/Zen mobile video device dock on the front panel (requires optional adapter)
- Video encoding formats supported: Windows Media®, RealVideo®, and Flash®
- 14 VDC input for battery connectivity (120 Anton/Bauer digital dionic battery recommended)

For more information on ViewCast products, visit www.viewcast.com.

ViewCast Corporation | 3701 W. Plano Parkway, Suite 300 | Plano, Texas 75075-7840 | 972-488-7200 | 800-540-4119

© 2007 ViewCast Corporation. ViewCast, Niagara, Osprey, SimulStream and Niagara SCX are registered trademarks of ViewCast Corporation or its subsidiaries. All other trademarks are the property of their respective owners. Product specifications and availability may change without notice.



GoStream and GoStream Plus - Portable Streaming Encoder Appliances



EZStream

User predefined encoder profiles allow customization of GoStream for unique streaming encoding requirements.

- A. A/B/C Preset Encoder Start Buttons
- B. One-click Streaming
- C. Live Audio Monitor
- D. Video Sync Indicator

Pre-defined encoder options allow streaming to begin with the push of a button.

Easy Exporting of Captured Files

GoStream allows users to export files to storage devices and view video on a handheld devices such as Apple® iPods® and Creative® Zen™ video players.



- H. Export to Apple iPod / Creative Zen
- I. View video on handheld players
- J. Download and install system software updates and upgrades

Connect directly to handheld devices like iPod for direct video viewing.

Variety of Audio/Video Inputs

The rear panel of GoStream enables seamless integration with your pro A/V equipment.

- K. Single-channel video capture
- L. Mobile docking port for easy install/remove from optional Dual Mount
- M. Dual LAN ports for simultaneous streaming and file transfer

Optional Accessories

The portable units of the GoStream and the GoStream Plus give the user the flexibility of mobility with the optional Dual Mount. The GoStream and GoStream Plus are professional rack-mountable streaming media units.

GoStream includes a variety of video and audio inputs, as well as USB ports and a front panel dock for iPod or Zen mobile video devices. With an optional adapter, you can connect your iPod to meet your specific environment needs, including a Dual Mount rack, wireless network option, and battery packs.

GoStream creates live streams in a variety of formats, and can be configured to save encoded content in these same formats to local or networked mass storage devices via two built-in network ports.

EASE Menu System

The GoStream exposes a complete set of controls for local management and operation. Stream and encode with EASE.

- E. Real-time control of multiple encoder sessions
- F. Real-time feedback on system performance
- G. Direct-access for system configuration



The EASE menu system provides an intuitive, easy-to-use control menu that allows users to manage system performance and configuration.



The GoStream rear panel contains multiple AV input options.



The optional Dual Mount makes it easy to rack-mount two GoStream units side-by-side.

Niagara GoStream and GoStream Plus include other ViewCast components to make it a complete streaming solution. These software components are powerful configuration, control, management and monitoring tools which include Niagara SCX Pro, Niagara SCX Pro Web Interface and Osprey SimulStream.

Encoder Management & Monitoring Software - Niagara SCX Pro

Niagara® SCX® Pro is ViewCast's encoder management and monitoring software. Niagara SCX provides full access to view and set encoding parameters, start, and stop the encoding process, and receive notification of identified error conditions.

Niagara SCX Pro is extremely flexible, particularly in applications involving live broadcasting where immediate changes and tweaks are required. Niagara SCX Pro excels in providing the required controls to ensure optimum streaming video quality.

Niagara SCX Pro also provides control of:

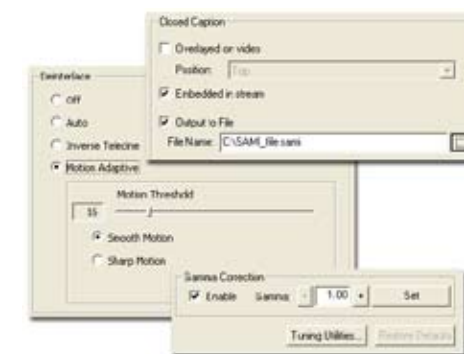
- System CODEC and profile selection
- Windows Media, RealVideo, Flash, MPEG-4, and AVI
- Modification of capture resolution and attributes
- Adjustment of video pre-processing filters such as de-interlacing
- Adjustment of video resolution through scaling while minimizing CPU load
- Branding and protecting video content through logo watermarking
- Enabling and disabling Osprey® SimulStream®



Niagara SCX Encoder nested view allows you to easily see all encoders on the network and their current status.

Video format outputs:

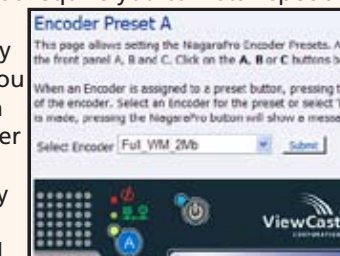
- Windows Media 9
- Windows Media 10
- MPEG-4 compression engine
- H.263/MPEG-4 Part 2 SP/ASP
- H.264/MPEG-4 Part 10
- 3GPP/3GPP2 container support
- MPEG-4 profile settings for most common applications
- MPEG-4 — unrestricted
- High-definition — for HD-DVD players and set-top boxes
- Home theater devices — DVD players, set-top boxes and gaming consoles
- Portable — for playback devices such as MP3 players or PDAs
- Handheld — for playback on cellular phones
- Apple® Video iPod® — portable playback device
- Creative® ZEN™ Vision — portable video player
- PlayStation® PSP®
- RealVideo 10
- RealVideo 9
- Flash® (File only)
- Audio Video Interleaved (AVI) (File only)



Niagara SCX includes advance video preprocessing control and Closed Caption overlay, embedding or output to file.

Encoder Configuration Tool Niagara SCX Pro Web Interface

For custom configuration of the Niagara Pro system settings, ViewCast created the Niagara SCX Pro Web Interface tool, which is included with all Niagara systems. This tool does not require you to install special software on any other PC. You only need a Web browser on any PC running any operating system, and you can control and configure any Niagara streaming media encoder.



This Web-based user interface allows you to browse to any Niagara on a LAN or WAN network and manage the entire system configuration, including:

- Create, modify, and delete encoder profiles
- Start and stop individual encoders
- Pre-configure and assign ABC EZStream buttons
- View and manage encoder log files and entries
- Modify system network configuration settings (network name, IP configuration)

Osprey SimulStream

Designed to provide the optimal experience of a streamlined workflow, Osprey SimulStream provides the ability to deliver multiple streams at multiple bitrates from a single video source. Osprey SimulStream is a premium software enhancement to the Niagara systems by extending the capabilities of a single channel audio and video capture.

Osprey SimulStream Features:

- Optimized streams for a diverse Internet audience — all streaming in real-time
- Maximum efficiency without sacrificing quality
- Complete utilization of multi-core processors
- Maximum channel density for streaming production
- Reduced hardware costs