



## VIEWCAST OSPREY VIDEO CAPTURE CARDS

ViewCast's line of Osprey® capture cards are the de facto standard in the streaming media industry. They capture and digitize full-motion video.

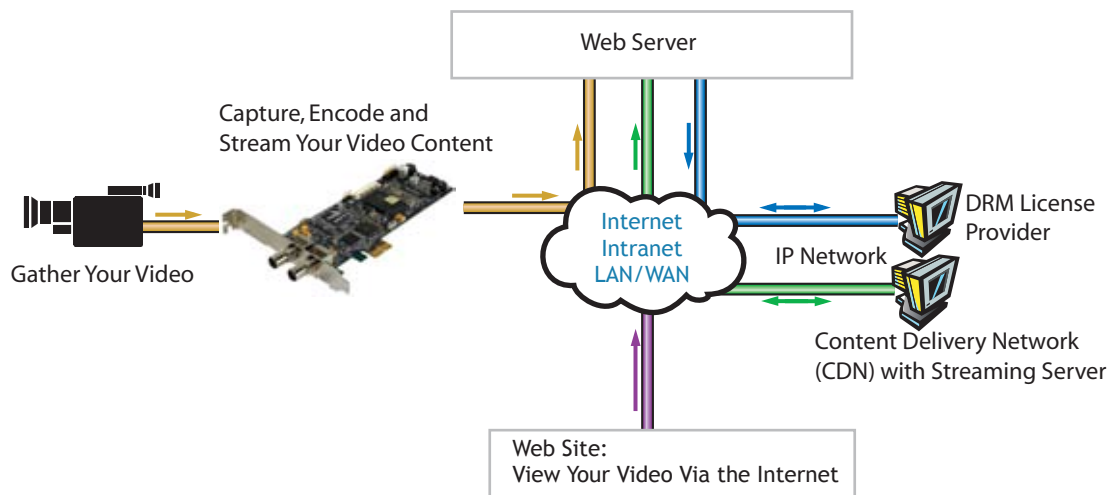
Since the inception of Internet streaming media starting with Progressive Networks (now RealNetworks®) in 1997, ViewCast Osprey Video has been a major player in pioneering efforts of the streaming media industry. Throughout the streaming media market's emergence and explosive growth, Osprey Video has maintained its position as an industry-leading developer and manufacturer of cutting-edge streaming media capture technology. Moreover, Osprey Video products have enabled many companies to deliver on key applications like IPTV, mobile streaming, webcasting, and more recently, videoblogging. With the ongoing introduction of new professional-level streaming and capture products, the lead continues to grow.

### Applications Include:

- Live Internet Streaming
- Web Site Content Production
- Distance Learning
- Podcasting
- Security and Surveillance
- Video Editing and Post Production
- Mobile Streaming
- Internet Broadcasting

### Products Include:

- Osprey-100
- Osprey-210
- Osprey-230
- Osprey-240
- Osprey-EASE
- Osprey-440
- Osprey-530
- Osprey-700 HD
- Osprey SimulStream





## Osprey Video Capture Cards

### Osprey Entry Level Series

Entry-level video capture boards that capture analog video and offer interface flexibility (USB & PCI) at an attractive price. Osprey entry level products are the perfect fit for security and surveillance applications as well as videoblogging. Products in this category include:

**Models:**

- 100
- 210

**Key Applications:**

- Desktop Video
- Security and Surveillance



Osprey-100



Osprey-210

### Osprey Pro Series

Professional-level video capture boards that capture analog and DV video, offer multi-channel audio video capture, and high-quality balanced audio. Osprey Pro products are the perfect fit for webcasting, editing, and mobile streaming. Products in this category include:

**Models:**

- 230
- 240
- EASE
- 440

**Key Applications:**

- Internet Broadcast
- Non-Linear Editing
- Mobile Streaming/Encoding



Osprey-230



Osprey-240



Osprey EASE



Osprey-440

### Osprey Studio Series

Studio-level video capture boards that capture analog and digital video, offer hardware decode, and introduce broadcast quality video for any application. Osprey Studio products are the perfect fit for Internet broadcasting, studio backhaul, and streaming. Products in this category include:

**Models:**

- 530
- 700 HD

**Key Applications:**

- Professional Streaming
- Internet Broadcasting
- Web Simulcasting



Osprey -530



Osprey -700 HD



### Encoder Management & Monitoring Software - Niagara SCX Pro

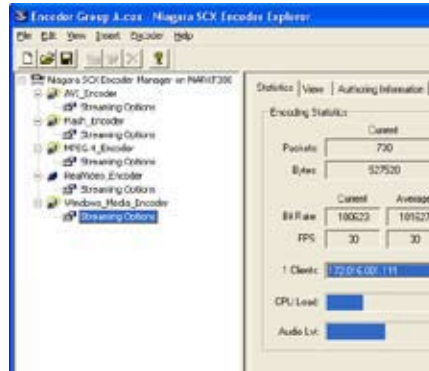
Niagara® SCX® is fully compatible with Osprey video capture cards. With SCX and Osprey card(s) installed on a system, you have a fully functional streaming encoder.

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:

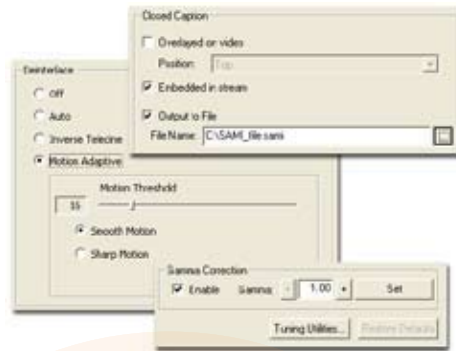
- System CODEC and profile selection
- Windows Media, RealVideo, Flash, MPEG-4, and AVI
- Modification of capture resolution and attributes
- Adjustment of video pre-processing filters such as de-interlacing
- Adjustment of video resolution through scaling while minimizing CPU load
- Branding and protecting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

### Osprey SimulStream

Osprey SimulStream, included in all Niagara Systems, is ViewCast's software, enabling Niagara systems to output multiple instances of audio and video data from a single source to multiple applications.

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.

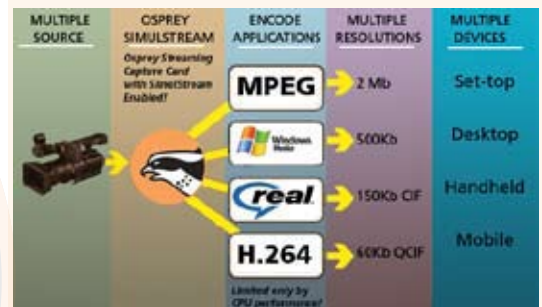
Osprey SimulStream Features:

- 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

The Optimized Solution...SimulStream!

SimulStream is designed to provide both an optimized, high quality streaming experience and a straightforward, simplified workflow.

The SimulStream Solution allows users to stream with multiple formats to multiple audiences with minimal hardware and CPU impact. Plus, scalability allows for multiple formats and individual stream options.



\*Niagara SCX is available without the MPEG-4 compression engine and is standard on Niagara integrated systems.

## Osprey Product Comparison Chart

		100	210	230	240	EASE	440	530	700 HD
Video Inputs	Composite (RCA)	3							
	Composite (BNC)		•	•	•	•	4	•	
	S-Video (Mini-DIN)	•	•	•		•		•	
	Y/C (BNC)				•				
	Y/PbPr (BNC)				•				
	DV (IEEE 1394a, 1934b)					•			
	SDI (BNC)							•	•
	HD-SDI (BNC)								•
Audio Inputs	Unbalanced Stereo (RCA)	•	•	•	•	3	4	•	
	Balanced Stereo (RCA)			•	•	•		•	
	DV (IEE 1394a, 1394b)					•			
	AES/EBU (XLR)							•	
	Embedded SDI							•	•
A/V Loop-Out	Composite (BNC)							•	
	S-Video (mini-DIN)							•	
	Unbalanced Stereo (3.5mm)		•	•	•	•			
	Unbalanced Stereo (RCA)							•	
A/V Output	DV (IEEE 1394a, 1394b)					•			
Physical	Bus Interface	PCI	PCI	PCI/PCI-X	PCIe	PCI/PCI-X	PCI/PCI-X	PCI/PCI-X	PCIe
	Dimensions	Low Profile	Full Height	Low Profile	Low Profile	Full Height	Full Height	Full Height	Low Profile
OS Support	Windows XP/XP Pro	•	•	•	•	•	•	•	•
	Windows Server 2003	•	•	•	•	•	•	•	•
	Windows Vista	2007	2007	2007	2007	2007	2007	2007	2007
	Linux (open source)	•	•	•	•	•	•	•	•
Compliance	RoHS	•	•	•	•	•	•	•	•
	CE Mark	•	•	•	•	•	•	•	•
	FCC 47CFR Part 15 Class B	•	•	•	•	•	•	•	•

### Optional Accessories



Breakout Box



Breakout Panel



Breakout Cable



A/V Output Cable



Breakout Cable (210 Only)



Breakout Cable (240 only)

For more information on ViewCast products, visit [www.viewcast.com](http://www.viewcast.com).

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