



**When it comes to streaming video,  
the Osprey-200 captures it all.**

**The card that launched Internet video adds audio.**

If you've seen live video on the Internet, chances are Osprey cards were doing the streaming. Osprey captures TV-quality video and displays it uncompressed at 30 fps. It's the card of choice for Internet/intranet streaming video, videoconferencing, movie-making, web cams, and a host of other digital video applications. Osprey is the one video capture card that can do all of this:

- enable multiple cards to be used to stream multiple video sources on a single NT workstation
- support most popular video and audio APIs
- handle not only Internet and intranet streaming video, but also video conferencing over a network
- provide the highest performance while leaving CPU power for other simultaneous tasks.
- run on multiple computing platforms and operating systems
- enable users to plug in any standard video source – such as a VCR, camera or camcorder – and view crisp, TV-quality video on a PC.

All these assets and more have made Osprey the de facto industry standard, resold by RealNetworks, recommended by Microsoft, and the card of choice for Sun, Compaq, Intergraph and Lucent. With the Osprey-200, Viewcast.com adds another dimension to its industry-leading card: audio. Now video and audio capture reside on one low-cost card. Full-frame streaming video and quality audio anytime, anywhere and anyplace – only with the Osprey-200.



**If you've seen streaming video,  
you've seen Osprey.**

## Prime-Time Video Streaming

Think that low-cost Internet/intranet video isn't ready for prime time? Wake up and watch your competitor's video stream by. Tens of thousands of Osprey cards have been sold, easily installed, and put to work for a wide range of applications:

- video promos on corporate web sites
- intranet videoconferencing
- distance learning
- telemedicine
- internal employee communications
- security surveillance
- ...and many, many more

## A World of Video at Your Desktop

The Osprey-200 supports the majority of worldwide video and audio formats:

### Video Input Formats:

- NTSC-M
- NTSC-J
- PAL-BDGIH
- PAL-M
- PAL-N
- SECAM

### Video Formats:

- Packed: RGB32, RGB24, RGB16, RGB15
- Grey8, YUV2 (4:2:2), YUV (4:1:1)
- Planar: YUV12, YUV9

### Audio Formats:

#### Windows NT

- stereo
- 16- and 8-bit sample sizes
- 44-khz, 22.05-khz, 11.025-khz, 16-khz, 8-khz sample rates

#### Windows 95/98

- RCA-level input jacks
- stereo

## Stability Across Platforms

Viewcast.com has a history of being the first to provide video card support for new operating systems and OS features. As a result, you gain earlier access to a stable product with proven interoperability. Osprey was the first card to offer Windows NT support (in March 1996) and the first to take advantage of Direct Draw in NT 4.0.

Currently, the Osprey-200 and Osprey-201 (which includes an NTSC camera) run under Windows 95/98 and Windows NT 4.0 (with Direct Draw support) for Intel and Alpha processors.

## Your Apps Are Our Apps

The Osprey-200's strict compliance with video standards enables it to run at peak performance almost any video application that uses a standard interface. Popular applications supported by the Osprey-200 include the following:

### Internet/intranet streaming

- Microsoft Windows Media Technologies
- RealNetworks RealSystem G2

### Intranet broadcast

- Precept Software IP/TV

### Videoconferencing

- Microsoft NetMeeting
- White Pine CU-See-Me
- Lucent's MMCX H.323

### Video editing

- Adobe Premiere
- Asymmetric Digital Video Producer

### Video cataloging

- Virage VideoLogger™ and AudioLogger™

## Well-Rounded Performance

Performance is meaningless without taking into account quality and CPU use. The Osprey-200 covers all the performance bases. Advanced DMA capabilities and system software enable it to achieve unparalleled performance on PCs capable of supporting full-motion multimedia.

On systems supporting Direct Draw, the Osprey-200 delivers 640 x 480 video to the screen in overlay mode at 30 fps, with CPU utilization at about 1 percent.

Sample performance numbers below are for the Osprey-200 capturing NTSC video under Windows 4.0. Results are in frames per second (fps) and show the fastest sustained capture rates that

divide evenly into the maximum rate of 30 fps and result in less than 1 percent of frames dropped.

## System Requirements

Minimum system configuration is a Pentium PC with PCI bus. Recommended system is Pentium (or higher) running Windows 95 with 8-MB system memory or Windows NT 4.0 with 16-MB memory and minimum 16-bit graphics card supporting Direct Draw.

## Technical Specifications

### Hardware/System

- 32-bit/5-volt PCI card
- full PCI Rev. 2.1 compliance
- three video inputs; NTSC or PAL format
- two composite video inputs\*
- one S-Video input

\* Osprey-201 provides one composite and one S-Video input, plus power plug for NTSC camera.

### Software

- VFW interface, kernel drive, capture driver, documentation
- Windows 95 and Windows 98
- Windows NT 4.0 Intel
- Windows NT 4.0 Alpha (available from ftp site)
- viewing application
- user's guides for Windows 95/98 and Windows NT

## Get the Big Picture

To find out how the Osprey-200 and other Viewcast.com products can be your gateway to the world of network video, contact:

### Viewcast.com

#### Osprey Technologies Division

919-319-9200 phone  
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### Video Capture Performance\*

| Video Size | RGB24 | RGB15 | YUV9 | RGB24 Indeo* |
|------------|-------|-------|------|--------------|
| 320 x 240  | 15    | 30    | 30   | 30           |
| 640 x 480  | 7.5   | 10    | 15   | 10           |

\* Results are limited by disk-write performance of the computing system.

**One card. The whole, wide world of network video.**