

Osprey-100...

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-100 supports the majority of worldwide video formats:

Video Input Formats:

- NTSC-M
- NTSC-J
- PAL-BDGI
- PAL-M
- PAL-N
- SECAM

Video Formats:

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

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-100 runs under Windows 95/98 and Windows NT 4.0 (with Direct Draw support) for Intel processors.

Your Apps Are Our Apps

The Osprey-100'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-100 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
- MGI VideoWave II

Video cataloging

- Virage VideoLogger™
- Pictron Video Gateway
- Excalibur Technologies Screening Room
- Mediasite Logger

Well-Rounded Performance

Performance is meaningless without taking into account quality and CPU use. The Osprey-100 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-100 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-100 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.

Video Capture Performance*

Video Size	RGB24	RGB15	YVU9	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.

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
- four video inputs; NTSC or PAL format
- three composite video inputs*
- one S-Video input

* Osprey-101 provides one composite video and one S-Video input.

Software

- VFW interface, kernel driver, capture driver, documentation
- Windows 95 and Windows 98
- Windows NT 4.0 Intel
- viewing application
- user's guides for Windows 95/98 and Windows NT

Customized to Fit Your Needs

ViewCast.com can provide tailored versions of Osprey-100 hardware and software for ISVs and OEMs. Software development kits are also available for individual customization needs.

Get the Big Picture

To find out how the Osprey-100 and other ViewCast.com products can be your gateway to the world of network video, contact:

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