



ViewCast - world class streaming hardware and software trusted by video professionals since 1994.



Quick Facts

The Osprey-240e is the ideal PCI Express® analog card for:

- Broadcast Professionals
- Global OEM Systems Integrators

Equipped with:

- Component input
- Composite input
- S-Video input
- Professional balanced audio features

The Osprey-240e is the card of choice for high quality, reliable video capture.

Osprey-240e and Osprey-240e with Osprey SimulStream Analog PCI Express Power

ViewCast is proud to add its first PCI Express card to the Osprey® family: the Osprey-240e professional analog video capture card. Legendary Osprey quality for the latest high-performance PC architectures. Designed especially for the super high-speed PCIe® bus. *Think performance!*

Optimized for the Latest PC Architectures

PC manufacturers have adopted the PCI Express bus as the latest high-throughput internal bus architecture. The best PC graphics cards use this bus because it unleashes the power of modern multi-core PC engines. ViewCast chose the PCI Express bus for the Osprey-240e for the same reasons – unfettered access to all PC resources. No bottlenecks, no mysterious glitches, no unexplained hiccups, no random data collisions. Just smooth, unadulterated power. Power that can support multiple Osprey PCIe cards in one system.

Optimized for Live Streaming

Take advantage of the Osprey-240e card's Designed for Live features, such as Logo Bitmap Overlay with transparency and positioning controls. Automatically detect and adapt on-the-fly when the input video format changes from movie frame rates to television frame rates. The Osprey-240e can do the job today and it's ready for your future applications.

Multiple Streams per Input

Purchase the Osprey-240e with Osprey SimulStream® and feed audio and video to

multiple encoders at the same time. Use it with ViewCast Niagara SCX® software to easily create and manage live streams in RealVideo® and Windows Media®, at the same time, in any combination. Or create multiple streams of the same type with completely independent settings for sizing, scaling, logos and bit rates.

Global Standards Support

Like all Osprey cards, the Osprey-240e supports global analog standard-definition (SD) formats, including NTSC, PAL, and most others used throughout the world. If you are a global OEM integrator seeking a single-solution deployment strategy, this card's for you.

Professional Features for Broadcasters

Features, such as color space conversion, automatic telecine detection and processing, and automatic optimization for changing motion content, make this a perfect choice for broadcast professionals. We've added the broadcaster-requested feature "Loss of Video Detection" that lets you automatically substitute internally-generated SMPTE color bars with an optional text overlay.

Compatible with Popular Application Software

The Osprey-240e works with popular video capture and encoding applications, including our own Niagara SCX multi-codec streaming manager.



Think performance!

Osprey-240e and Osprey-240e with Osprey SimulStream

Analog PCI Express Power

Industry-Proven Performance

Over 300,000 Osprey cards are out in the worldwide marketplace being used in a wide variety of broadcast, commercial and industrial applications.

Half-Height Profile

The advantageous low-profile format of the Osprey-240e makes it easy to use with small form factor computers. Attach the included low-profile mounting bracket and

plug it directly into any 2U server. No need to use cumbersome riser cards.

The Osprey-240e is an ideal solution for rack-mount encoding farms, custom enclosures and other form-factor constrained environments.

Whatever the analog A/V source, the Osprey-240e is a highly versatile solution delivering smooth integration into your content re-purposing workflow.

PCI Express Performance

Building on Osprey's renowned performance, with the PCI Express power available through the Osprey-240e, your streaming productions can soar to even greater heights.



Rock-Solid Stability –

Legendary Osprey reliability means you can count on rock-solid performance, day in and day out.



Specifications

- Video Input: Composite (BNCx1), Y/C (BNCx2), Component (BNCx3)
- Audio Input: Balanced stereo (2 x XLR), Unbalanced stereo (2 x RCA)
- Audio Output: Unbalanced stereo line level (3.5mm)
- Low-Profile Design Board (includes low-profile bracket, not pictured)
- PCIe (x1) – compatible with x1, x4, x8, and x16 PCIe slots
- Drivers available for Microsoft® Windows® operating systems

Features

- Component, Y/C (S-Video), and composite video inputs
- Balanced and Unbalanced Stereo audio inputs
- Install multiple cards per chassis, or mix-and-match with other Osprey cards
- One-lane (X1) PCIe connector plugs in to any PCIe slot (X1, X4, X8, or X16) for maximum flexibility
- Supports Wide Screen Signaling (WSS) flag for automatic 16x9 capture
- Customized messaging superimposed on color bars upon loss of video signal
- Hardware audio gain control
- Closed Caption extraction
- Hardware Cropping and Bitmap Overlay
- High-performance PCIe technology
- Audio loop-back for monitoring
- Available with factory-enabled SimulStream
- Niagara SCX ready: Remote encoder management and control software
- Comes with audio and video input breakout cable. Other accessories, including new rack-mount and desktop breakout panels, will be available Q3 2008.

Think performance!