

Osprey®-240e Video Capture Card



Ideal Users and Applications

• BROADCASTERS

For archiving, video-on-demand (VOD), repurposing video content and simultaneous web broadcast of live video programming

• ENTERPRISES

For webcasting and online training

• GOVERNMENT

For state and local government applications such as open meetings

• OEM SYSTEMS INTEGRATORS

To build customized solutions

Osprey®-240e



Think performance!

Osprey®-240e 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 and PAL. 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.

Osprey-240e

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.

Osprey®-240e

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
- Windows® XP

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.

Think performance!