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TECHNOLOGY GROUP

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Analog PCI Express® power

The Osprey 240e professional analog video capture card produces quality for the latest high-performance PC architectures. It is designed especially for the high-speed PCI Express® (PCIe) bus.

Optimized for the latest PC architectures.

PC manufacturers have adopted the PCIe 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 with unfettered access to all PC resources. This type of power can support multiple Osprey PCIe cards in one system.

Optimized for live streaming.

Take advantage of the Osprey 240e card's 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 SimulStream® and feed audio and video to multiple encoders at the same time. 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, which lets you automatically substitute internally generated SMPTE color bars with an optional text overlay.

Ideal Solution for:

- > Broadcasters
- > Enterprise
- > Government
- > OEM systems integrators

Applications

- > Webcasting
- > Live streaming
- > Podcasting
- > Mobile TV
- > Video on Demand
- > Surveillance

Key Attributes

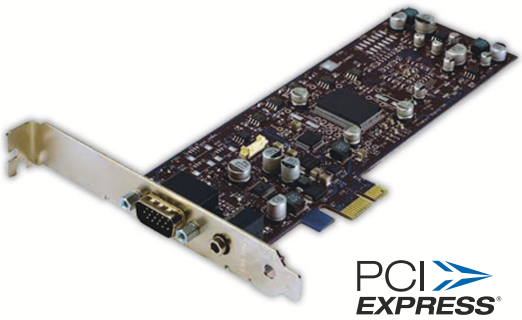
- > Hardware audio gain control
- > Closed-caption extraction
- > Hardware cropping and bitmap overlay
- > Audio loop-back for monitoring
- > Available with factory-enabled SimulStream
- > Customized messaging superimposed on color bars upon loss of video signal
- > Supports Wide Screen Signaling (WSS) flag for automatic 16 x 9 capture
- > Install multiple cards per chassis, or mix-and-match with other Osprey cards
- > Works with popular video encoding applications
- > Includes drivers for Microsoft® Windows® XP, Server 2003, Server 2008, Vista and Windows 7; check the ViewCast Web site for available drivers

ViewCast

Powering the Future of Digital Media

Osprey® 240e

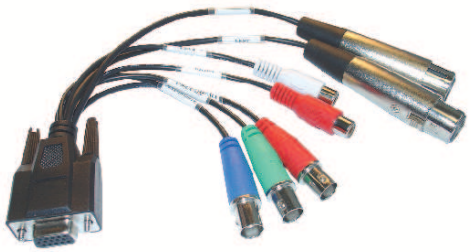
Video Capture Card



Y/C to S-Video Adapter



Breakout Cable



Driver Support

- Microsoft® DirectShow® API

Inputs:

Video:

One channel switchable input

- Composite (*BNC x 1*)
- Y/C (*BNC x 2*) (*Includes BNC to mini-DIN adapter*)
- Component (*BNC x 3*)

Audio:

- Balanced stereo (*XLR x 2*)
- Unbalanced stereo (*RCA x 2*)

Outputs:

Audio:

- Unbalanced stereo line (*3.5 mm*)

Video Format:

- NTSC/PAL

Connectivity:

PCIe (x 1):

- Slots: x 1, x 4, x 8, or x 16

Pre-Processing:

- Closed-caption extraction/rendering
- Logo/bitmap overlay
- Scaling, cropping, de-interlacing and inverse telecine
- Loss of video automatic test pattern generation with text overlay options

Dimensions:

- Half-height / half-length board
- 6.60" L x 2.71" H (*16.77 cm L x 6.89 cm H*)
- Includes low-profile bracket

Hardware Warranty:

- 1 year limited hardware warranty

System Requirements:

- Video capture requires intense bandwidth across the system bus, CPU, and memory. Use of DDR3 and PCI express version 2.0 motherboard components are highly recommended.
- Multi-core processors are recommended to run video applications.

RoHS compliant

Windows Media

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