Multi-channel PCI Express® power.

The Osprey 450e four-channel professional analog video capture card provides the legendary Osprey quality for the latest PC architectures. Designed especially for the high-speed PCI Express® (PCIe) bus.

Reduce system costs via multi-channel video capture.

The Osprey 450e is a PCIe card designed to simultaneously capture four independent channels of analog video and unbalanced stereo audio signals and process them independently, minimizing internal PC space requirements. The channel density offered by the Osprey 450e dramatically reduces total system cost by increasing the capture capacity within a single system.

The Osprey 450e A/V option includes additional internal video inputs and four additional balanced audio inputs that can be switched in as alternatives to the rear panel connectors. The internal video inputs include the selection of component or Y/C (S-Video) for each of the 4 channels or 3 additional composite inputs for a total of 12 composites inputs per card.

Optimized for the latest PC architectures.

PC manufacturers have adopted the PCI Express (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.

Optimized for live streaming.

Take advantage of the Osprey 450e 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 450e can do the job today and it's ready for your future applications.

Multiple streams per input.

Purchase the Osprey 450e with SimulStream® to feed audio and video to multiple encoders at the same time. Or, create multiple same type streams with completely independent settings for sizing, scaling, logos, and bit rates.

Ideal Solutions

- Broadcasters
- Government
- Digital Signage Integrators
- Global OEM systems integrators

Applications

- Webcasting
- Live streaming
- Podcasting
- Mobile TV
- Video-on-demand

Key Attributes

- Hardware audio gain control
- Closed-caption extraction
- Hardware cropping and bitmap overlay
- 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
- Drivers available for Microsoft® operating systems

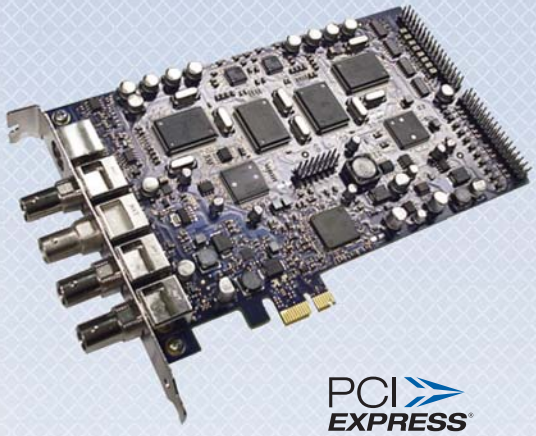
ViewCast®
Powering the Future of Digital Media

ViewCast

Powering the Future of Digital Media

OSPREY® 450e

Video Capture Card



PCI EXPRESS

Optional Break-out Audio and Video Panels

95-00460 Osprey 450e/440 Breakout Panel

1 x 1RU 4 channels composite and 4 stereo channels unbalanced audio

95-00462 Osprey 450e Balanced Audio Panel

1 x 1RU 4 stereo channels balanced stereo audio inputs (XLR)

95-00463 Osprey 450e Component Video Panel

1 x 1RU 4 channels component, Y/C (S-Video) video input or 12 additional composite video inputs

Breakout Cable (*included*)

95-00459 Osprey 450e A/V Option

Driver Support:

- Microsoft® DirectShow® API

Inputs:

Video:

- 4 composite (*BNC x 4*) (*additional BNC x 12 optional*)
- 4 Y/C (*BNC x 8*) (*optional*)
- 4 component (*BNC x 12*) (*optional*)

Audio:

- 4 Unbalanced stereo (*RCA x 8*)
- 4 Balanced stereo (*XLR x 8*) (*optional*)

Video Format:

- NTSC/PAL

Connectivity:

PCIe (x 1):

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

Pre-Processing:

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

Dimensions:

- Full-height / half-length board
- 6.60" L x 4.38" H (*16.77 cm L x 11.12 cm H*)

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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