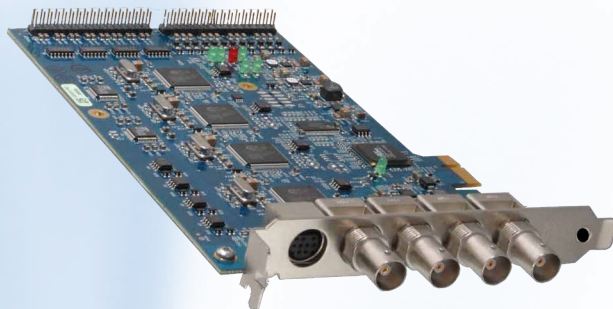# Osprey® 460e
Video Capture Card

Experience the power of multi-channel Osprey technology.

The Osprey 460e is a powerful, professional-grade card capable of capturing and streaming multiple independent channels, simultaneously. Ideally suited for high-density encoding applications, the Osprey 460e will streamline your workflow as it provides the highest possible video quality for your capture and streaming applications.

Reduce system costs.

With its PCI Express® (PCIe) architecture, the Osprey 460e is 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 460e dramatically reduces total system cost by increasing the capture capacity within a single system.

Add A/V option.

The Osprey 460e A/V option provides additional video inputs and four stereo balanced audio inputs to the rear panel connectors. The optional 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 16 switchable composite inputs per card.

Ideal Solutions

> Broadcasters
> Government
> Digital signage integrators
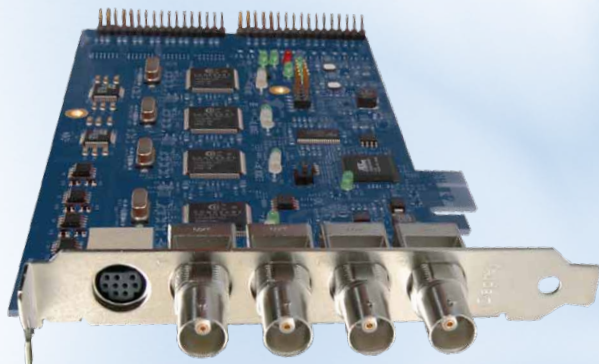> OEM systems integrators

Applications

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

Key Attributes

> Hardware audio gain control

> Closed-caption extraction

> Cropping and bitmap overlay

> Available with factory-enabled SimulStream

> Customized messaging generated 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® Windows® and Linux operating systems

ViewCast®

Delivering Video Whenever, Wherever

OSPREY® 460e
Video Capture Card

Specifications

Driver Support:
- Microsoft® DirectShow® API
- Linux available from open source community

Inputs:

Video:
- 4 composite (*BNC x 4*)
  (*BNC - RCA adapters included*)
  (*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
- PCIe 2.0

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. North Bridge PCIe slots are strongly recommended.
- Multi-core processors are recommended to run video applications.

Optional Breakout Audio and Video Panels

95-00460 Osprey 440/450e/460e Breakout Panel

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

95-00462 Osprey 450e/460e Balanced Audio Panel

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

95-00463 Osprey 450e/460e Component Video Panel

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

Breakout Cable (*included*)

ViewCast®
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US / Canada 800.250.6622 | Europe / Middle East / Africa +020 7250 4756 | Asia / Pacific +852 2251 8778 | **viewcast.com**

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