



## The industry standard.

Osprey video technology sets the industry standard for high-quality, rock-solid streaming performance. Utilized in a wide variety of applications – from aerospace to surveillance, Internet TV to webcasting – Osprey cards drive the delivery of video to viewers all around the globe. The Osprey 260e continues that strong tradition of high-value streaming performance.

### Designed for the latest PC architectures.

PC manufacturers have adopted the PCI Express (PCIe) bus as the standard for high-throughput internal bus architectures. Osprey cards optimize this architecture and unleash the power of modern multi-core PC engines with unfettered access to all PC resources. This means more power for your most demanding streaming applications.

### Optimized for live streaming.

Take advantage of advanced video pre-processing features such as logo/bitmap overlay with transparency and positioning controls, de-interlacing, color space conversion and closed-caption extraction and rendering. The Osprey 260e automatically detects and

adapts on-the-fly when the input video format changes from movie frame rates to television frame rates. We've also added a broadcaster-requested feature – loss of video detection – which automatically substitutes internally generated NTSC color bars (or other test display) with an optional customized text overlay.

### Global standards support.

Like all Osprey cards, the Osprey 260e 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.

### Multi-platform delivery.

Add SimulStream® to the Osprey 260e and stream to multiple devices – in various formats, bit rates and resolutions – simultaneously, from a single video source. You can deliver multiple streams from a single channel in Adobe® Flash®, Microsoft® Windows (*Silverlight™*), 3GPP or H.264 formats all at the same time. The Osprey 260e is the ideal solution to meet the demands of today's multi-platform digital media marketplace.

#### Ideal Solutions

- > 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
- > Cropping and bitmap overlay
- > Audio loop-back for monitoring
- > 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
- > Provides audio loop-back output
- > Drivers available for Microsoft® operating systems



## OSPREY® 260e

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
  - PCIe 1.1

#### 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 board
- 5.25" L x 2.71" H  
(13.34 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. North Bridge PCIe slots are strongly recommended.
- Multi-core processors are recommended to run video applications.

