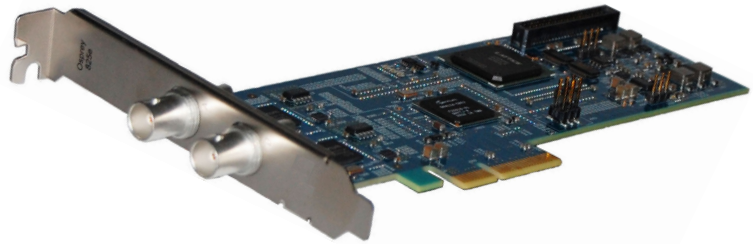


Osprey[®] 825e

Video Capture Card

*High-quality
streaming in a
compact size.*



The Osprey 825e provides high-quality streaming performance in a compact option. Now, customers can capture two SDI inputs in a low-profile form factor. This dual input card can ingest 3G, HD and SD SDI and automatically adapts between standard- and high-definition signals.

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.

Multiple streams.

The Osprey 825e also comes standard with SimulStream[®]. This driver enhancement provides the ability to feed multiple encoding applications at the same time.

Ideal Solutions

- > Broadcasters
- > Enterprise
- > Education
- > Government
- > Global OEM system integrators

Applications

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

Key Attributes

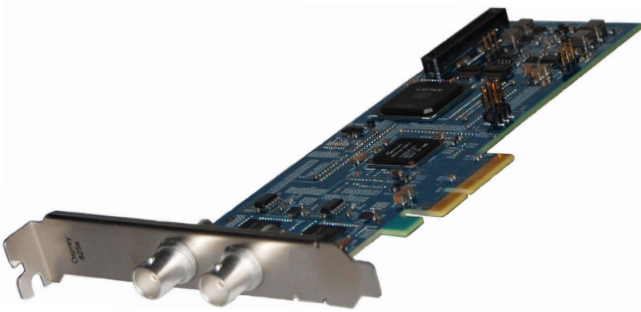
- > Accepts 3G, HD and SD SDI inputs
- > Automatically adapts between SD and HD signals on the fly, HD to SD downscaling
- > PCIe host interface
- > SimulStream option enables:
 - *Completely independent settings for sizing, scaling and bit rate speeds, plus logo overlays with dynamic positioning*
 - *A multitude of simultaneous video format outputs*
- > Professional features, such as loss of video detection, color space conversion, automatic telecine detection and processing, and automatic optimization for changing motion content
- > Drivers available for Microsoft[®] Windows[®]; Linux operating systems driver available early 2013

Continue the Legacy. Capture the Future.



OSPREY® 825e

Video Capture Card



Osprey 825e card



Osprey 825e low-profile bracket

Supported Modes

1920 x 1080/60/i	1280 x 720/30
1920 x 1080/59.94/i	1280 x 720/29.97
1920 x 1080/50/i	1280 x 720/25
1920 x 1080/30/p	1280 x 720/24
1920 x 1080/29.97/p	1280 x 720/23.98
1920 x 1080/25/p	720 x 480/30/i
1920 x 1080/24/p	720 x 480/29.97/i
1920 x 1080/23.98/p	720 x 576/25/i
1280 x 720/60	720 x 576/50/p
1280 x 720/59.94	720 x 576/25/p
1280 x 720/50	

Supported modes for 3G SDI

1920 x 1080/60/p	1920 x 1080/59.94/p
1920 x 1080/50/p	

Specifications

Driver Support:

- Microsoft® DirectShow® API
- Linux (*expected availability Q4 2013*)

Inputs:

Video:

- 2x SDI (BNC x 2)
 - 3G SMPTE 424 M
 - HD SMPTE 292 M
 - SD SMPTE 259 M

Audio:

- Embedded SDI (4 stereo pair per SDI input)

Connectivity:

- PCI Express (x 4):
 - Slots: x 4, x 8, or x 16
 - PCIe 1.1

Pre-Processing:

- Closed-caption extraction / rendering (CEA-608/CEA-708)
- Logo / bitmap overlay
- Scaling, cropping, de-interlacing and inverse telecine
- Loss of video automatic test pattern generation with text overlay option

Dimensions:

- Low-profile form factor
- 6.60" L x 2.71" H (16.76 cm L x 6.88 cm H)
(includes low profile bracket)

Hardware Warranty:

- 1 year limited hardware warranty

System Requirements:

- High-definition video requires intense bandwidth across the system bus, CPU, and memory. CPU Direct or North Bridge PCIe slots are required.
- Multi-core processors (4 or more) are recommended to run video applications.



Continue the Legacy. Capture the Future.

