

Osprey® 820e

Video capture card

Two Channel DVI-I

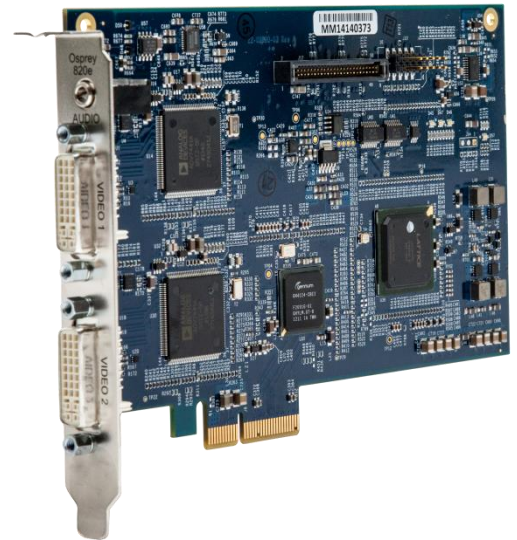
Perfect for lecture capture and similar applications, the Osprey 820e card can capture video from HDMI or DVI video as well as capturing from analog and digital VGA sources.

Six Input Formats

- HDMI (non HDCP)
 - DVI
 - VGA
- Analog video: Composite, component and S-Video

Audio Inputs

- HDMI (four stereo pairs)
- Unbalanced audio



Osprey SimulStream®

A standard feature on all Osprey 800 series cards, SimulStream allows each input to produce multiple parallel output streams with completely independent settings for color space, cropping, scaling, closed caption and overlays facilitating simultaneous delivery to multiple applications.

Additional Features

Signal Loss: In the event of signal loss, the Osprey card automatically replaces the lost video with color bars with options for text overlay and audio tones. This feature helps prevent unplanned stoppage of downstream applications upon signal loss.

Video Pre-Processing

- VBI/VANC closed-caption extraction/on-screen rendering
- Logo/bitmap overlay
- Scaling, cropping, de-interlacing and inverse telecine
- ProcAmp control
- Vector Scope and Lumi Scope

Driver Support

- Microsoft® DirectShow® API
- Linux

Osprey SDK:

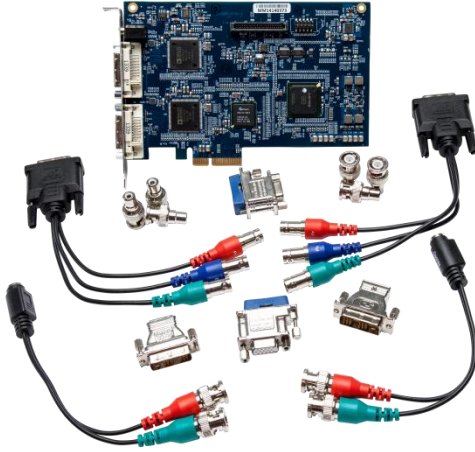
An Osprey SDK is also available to allow developers to take full advantage of the Osprey 800e driver capabilities.

Osprey 800a Audio Input Expansion board

The Osprey 800a audio input card is a separate expansion board that adds two pairs of balanced audio via XLR connectors along with two additional pairs that can be configured as either unbalanced (RCA), AES/EBU (XLR) or SPDIF (RCA).

See the Osprey 800a audio input card datasheet for details.





Specifications

Description:

Two channel DVI/HDMI/VGA

Format:

PCI Express (x 4):

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

PCIe 1.1

Video Input:

HDMI (non HDCP)

DVI

VGA

Composite, component

YCA

Video Connector:

DVI-I x 2

Video Modes:

1080i 50, 59.94, 60

1080p 23.98, 24, 25, 29.97, 30

720p 23.98, 24, 25, 29.97, 50, 59.94, 60

720 x 480 29.97, 30/i (NTSC)

720 x 576 25/i (PAL)

720 x 576 25, 50/p

Analog Modes:

1920 x 1080 x/23.98, 24, 25, 50, 59.94, 60

1600 x 1200/60

1400 x 1050/60, 75

1360 x 768/60

1280 x 1024/60, 85

1280 x 960/60, 85

1280 x 800/60

1280 x 768/75, 85

1280 x 720/50, 60

1024 x 768/60, 85

800 x 600/85

640 x 480/60, 85

Audio Input:

Unbal x 1/HDMI x 8 (4 LCPM per input)

Available Drivers:

Microsoft Windows

Linux

For more information on the latest OS compatibility, please visit

www.ospreyvideo.com

Dimensions:

6.60" L x 4.38" H (16.76cm L x 11.13cm H)

Full height/half length

Weight:

≈ 113 g

Power Consumption:

11.5W

Operating Temp Range:

0° to 40° C

Non-Operating Temp Range:

-40° to +75° C

Rel Humidity Operating:

Between 5 % and 80 % (noncondensing)

Rel Humidity Non-Operating:

95 % RH (non-condensing); gradient 30% per hour

Operating Altitude Range:

0 to 3,048 meters (10,000 feet)

Non-Operating Altitude Range:

0 to 15,240 meters (50,000 feet)

System recommendations:

High quality video capture requires a PCIe bus with direct access to the CPU

Warranty:

1 year limited hardware warranty

Compliance:

CE, FCC, ROHS, WEEE

In the Box:

DVI to VGA

DVI to HDMI

Y/C to S-Video

2 x DVI to Component (BNC)