

## MULTI-INPUT CAPTURE CARDS

3G SDI, DVI, HDMI, VGA,  
Component, S-Video, Composite,  
CVBS Video and SDI, AES/EBU,  
SPDIF, Bal/Unbal, HDMI Audio



### Osprey 820e – 2 Channels

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- HDMI (non HDCP)
- DVI
- VGA
- Analog video: Composite, component, S-Video
- HDMI Audio (four stereo pairs)
- Unbalanced audio

### Osprey 827e – 2 Channels

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- Channel 1:  
3G/HD/SD SDI or DVB-ASI
- Channel 2:  
DVI, HDMI, VGA, Component, Composite  
S-Video
- SDI, AES/EBU, SPDIF, ANALOG, HDMI Audio

**Addition Audio Options** for 820e are available with the 800a Audio Expansion Card.

[800a Specs →](#)

The multi-function input series of capture cards sets the industry standard for flexibility for video and audio capture. Perfect for OEM applications in Higher Education, Rental & Staging, Military, Government and many more. The MFI series are the go to cards for ISV's looking to save money and PC real estate without sacrificing quality.

**SimulStream®** a standard feature on all HDMI models, is an Osprey feature which 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.

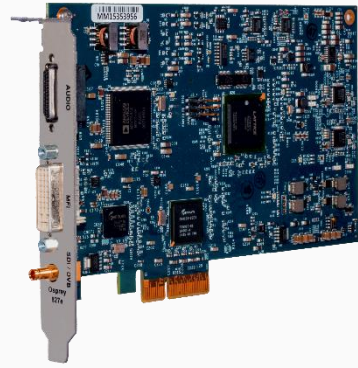
Ideal for mission critical video capture. Deploy two or more cards in a single workstation or server chassis for maximum input density. Driver based pre-processing features include VBI/VANC closed-caption extraction/on-screen rendering, logo/bitmap overlay, scaling, cropping, de-interlacing, inverse telecine, ProcAmp control, Vector Scope and Lumi Scope

The quality, reliability and flexibility makes this series perfect for applications in Broadcast, Education, Enterprise, Government, Medical, Military, Sports and House of Worship.

# Osprey® 827e

## Video capture card

Model:  
95-00487 Osprey 827e



### Technical Specifications

#### Description

Two channel mixed analog and digital video with audio features of the Osprey 800a built in.

#### Format

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

#### Video Input

- Video Input:
- 3GSDI SMPTE 424M
- HD-SDI SMPTE 292M
- SD-SDI SMPTE 259M
- DVB-ASI MPTS & SPTS
- HDMI (non HDCP)
- DVI
- VGA
- Composite, Component, S-Video

#### Video Connector

- SDI (DIN 1.0/2.3 x 1)
- DVI x 1

#### Digital Video Modes

- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 60
- 720p 50, 59.94, 60
- 480i 29.97, 30 (NTSC)
- 576i 25 (PAL)
- 576p 25, 50

#### Analog Video Modes

- 1920 x 1080/23.98, 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

- Balanced Audio (2 stereo pair, 4 x mini XLR)
- Embedded SDI and HDMI
- Two additional pairs from list below
  - AES digital audio (2 stereo pair, 2 x mini XLR)
  - SPDIF digital audio (2 stereo pair, 2 x RCA)
  - Unbalanced Audio (2 stereo pair, 4 x RCA)

Included  
Accessories:



# Osprey® 820e

## Video capture card

Model:

95-00475 Osprey 820e



## Technical 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, S-Video

### Video Connector

- DVI x 2

### Digital Video Modes

- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 60
- 720p 50, 59.94, 60
- 720 x 480 29.97, 30/i (NTSC)
- 720 x 576 25/i (PAL)
- 720 x 576 25, 50/p

**Addition Audio Options** are available with the 800a Audio Expansion Card.

[800a Specs](#) →

### Analog Video Modes

- 1920 x 1080 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

- Unbalanced Stereo x 1
- Embedded HDMI x 8 (4 LCPM per input)

Included

Accessories:



**Osprey®**  
**Video**

## Common Technical Specifications



### Operating Temp Range

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- 0 to 40 C

### Non-Operating Temp Range

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- -40 to +75 C

### Rel Humidity Operating

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- Between 5% and 80% (noncondensing)

### Rel Humidity Non-Operating

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

### Available Drivers

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- Microsoft Windows
- Linux
- For more information on the latest OS compatibility please visit: [www.ospreyvideo.com](http://www.ospreyvideo.com)

### Operating Altitude Range

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

### Non-Operating Altitude Range

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

### System Recommendations

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

### Warranty

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- 2 Years

### Power Consumption

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11.5 W

### Compliance

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- CE, FCC, ROHS, WEEE

### In the box

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- Capture Card
- All applicable cables, adapters & brackets