

Osprey[®]

Video

Osprey[®] 821e

Video capture card

Dual 3G HD HDMI inputs (up to 1920x1080p 60) with embedded audio.

Embedded audio

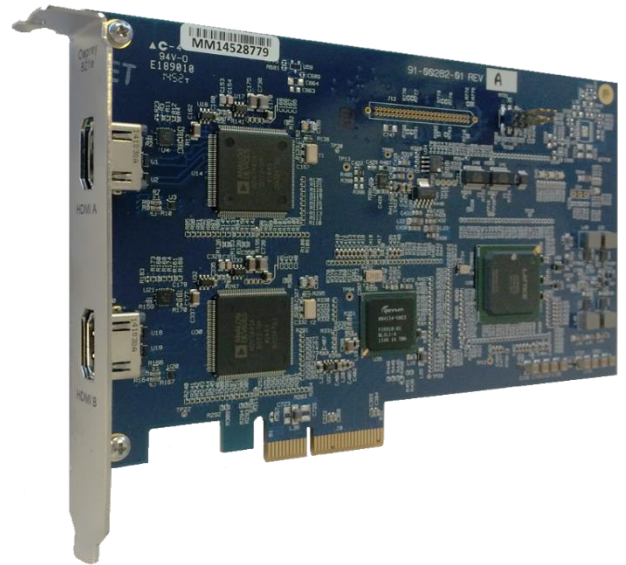
HDMI (4 channels LCPM)

Video

Two Channel 3G HD HDMI (Not for HDCP protected content)

Four Lane PCIe 1.1

Slots: x 4, x 8, or x 16



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 Insertion

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.

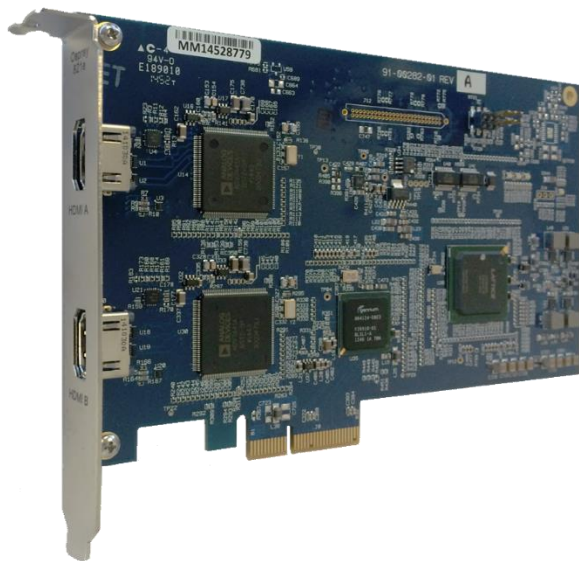


Figure 1 (preliminary)

Specifications

Description:

Two channel HDMI

Format:

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

Video Input:

2 x HDMI (non HDCP)

Video Connector:

2 x HDMI

Video Modes:

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

Audio Input:

HDMI 4 channels LCPM per input

Adapter:

None

Available Drivers:

Microsoft Windows

Linux

For more information on the latest OS compatibility, please visit www.ospreyvideo.com

Dimensions:

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

Weight:

≈ 113 g

Power Consumption:

11.5 W

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