Continue the Legacy, Capture the Future

Osprey® 815e

Video capture card

Single Input SDI or DVB-ASI

Ideal for high-density applications, the Osprey 815e card features a single input plus a pass through output.

Created as a functional replacement for the discontinued Osprey700e/710e.

Three Input Formats
- *HD SDI (292M)*
- *SD SDI (259M)*
- *DVB-ASI MPTS/SPTS (Windows only)*

Embedded SDI audio
Four stereo audio pairs.

Single Lane PCIe 1.1
Single lane bus connector makes the 815e an ideal replacement for 700e/710e.

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:
One channel SDI HD/SD DVB-ASI with Loop-Out

Format:
PCI Express (x 1):
Slots: x1, x 4, x 8, or x 16
PCIe 1.1

Video Input:
HD SMPTE 292M
SD SMPTE 259M
DVB-ASI

Video Output:
Uncompressed pass-through of input signal

Video Connector:
SDI (BNC) 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

Audio Input:
Optional: 2 x stereo unbalanced RCA*
Optional: 2 x stereo balanced XLR*
Optional: 2 x stereo balanced XLR or AES/EBU or SPDIF*
 *With available Osprey 800a audio card

Adapter:
None

Available Drivers:
Microsoft Windows
Linux
For more information on the latest OS compatibility, please visit
www.ospreyvideo.com

Dimensions:
6.60" L x 2.71" H (*16.76cm L x 6.88 cm H*)
Low profile

Weight:
≈70g

Power Consumption:
6.3 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

In the Box:
Low-profile bracket