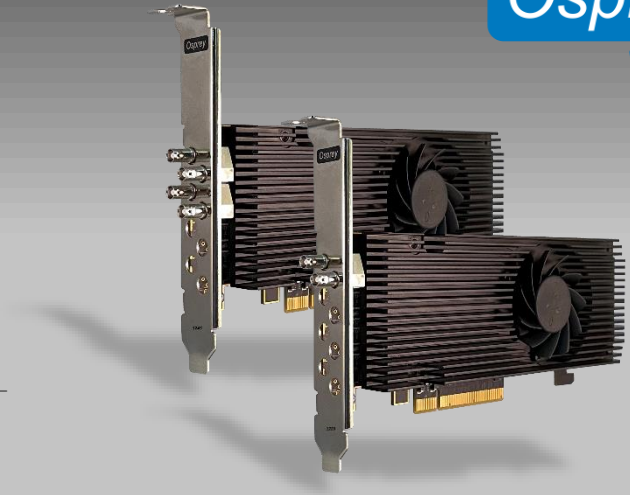


12G-SDI CAPTURE CARDS

Raptor Series



Osprey 1220 – 2 Channels 12G-SDI

- 16 Embedded Audio Channels per Input
- 10-bit color depth

Osprey 1245 – 4 Channels 12G-SDI

- 16 Embedded Audio Channels per Input
- 10-bit color depth

1245 Video Bandwidth Specifications:

Motherboard PCIe 3.0 interface:

- 4x 12G-SDI at 8-bit
- 2x 12G-SDI plus 2x 3G-SDI at 10-bit

Motherboard PCIe 2.0 interface:

- 2x 12G-SDI plus 2x 3G-SDI at 8-bit
- 2x 12G-SDI at 10-bit
- 4x 3G-SDI at 10-bit



FRAME RATE
CONVERSION



SCALING



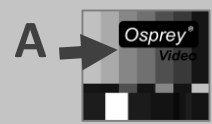
DE-INTERLACING



WINDOWS



LINUX



TEXT OVERLAY
WATERMARKING



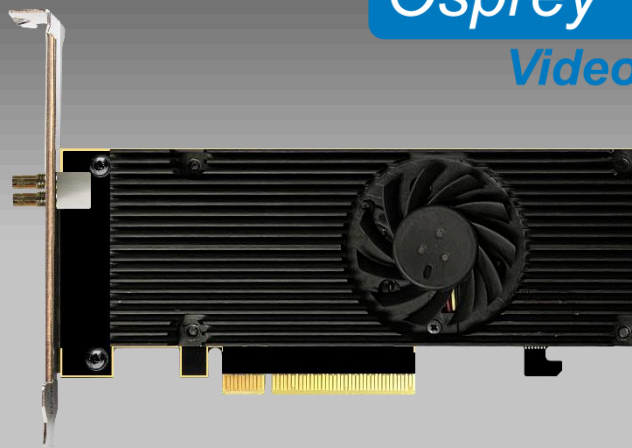
SimulStream®, a standard feature on all SDI models, is an Osprey feature which allows each input to produce multiple parallel output streams with completely independent settings for color space, cropping, scaling, closed caption and overlays facilitating simultaneous delivery to multiple applications.



Osprey[®] 1220

Video capture card

Osprey[®]
Video



Model:

95-00514 Osprey 1220

Technical Specifications

Description

- 2 Channels 12G-SDI

Video Inputs

- 12G-SDI SMPTE-2082
- 3G-SDI SMPTE-259/292/296/424/425 (3G Level A)
- HD-SDI SMPTE 292M

Video Formats

- 4K DCI 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 4K UHD 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080i 50, 59.94, 60
- 1080PsF 23.98, 24, 25, 29.97, 30
- 720p 23.98, 24, 25, 29.97, 50, 59.94, 60

SDI Metadata Support

- CEA-608, CEA-708 for closed captioning

SDI Color Spaces 8-bit

- 4:2:2 - UYVY, YUY2, NV16, NV61
- 4:2:0 – I420, NV12, NV21, YVU9, YV12
- 4:4:4 – RGB15, RGB24, RGB32, BGR24, BGR32

SDI Color Spaces 10-bit

- 4:2:2 – P210, P216, XV20
- 4:2:0 – P010, P016

Audio

- Embedded SDI (8 stereo pairs per SDI input)

PCI Format

- PCI Express Gen3 (x 8):

Video Connectors

- HD BNC 2 (Micro BNC)

Dimensions

- 6.60" L x 2.71" H (16.76cm L x 6.88cm H)
- Half Height

In the Box

- Capture Card
- Half and Full Height PCI Bracket

Weight

- ~ 340g

Power Consumption

- ~ 8W

Temperature Range

- 0 to 40C Operating Temperature
- -40 to 75C Non-Operating Temperature

Humidity Range (non-condensing)

- Between 5% and 80% Operating
- 95% RH, gradient 30% per hour Non-Operating

Altitude Range

- 0 to 3,048m (10,000ft) Operating
- 0 to 15,240m (50,000ft) Non-Operating