

ANALOG CAPTURE CARDS

Component, S-Video and Composite (CVBS) Video

Balanced and Un-Balanced Audio



Osprey 480e – 8 Channels

- Eight Channel Composite Video
- Simulstream Enabled
- Medialooks Support

Osprey 460e – 4 Channels

- Four Channel Composite Video
- Four Stereo Channels Un-Balanced Audio
- Component Video with AV Option
- Balanced Audio with AV Option

Osprey 260e – 1 Channel

- Composite, S-Video or Component Video
- Balanced or Un-Balanced Stereo Audio

Osprey 210e – 1 Channel

- Composite or S-Video
- Un-Balanced Stereo Audio

Osprey 100e – 1 Channel

- 3x Composite and 1x S-Video (switchable)

The Analog PCIe Series of Capture Cards offer a wide range of input selections. The series ranges from the Osprey 100e, a single channel, four switchable input card, to the 460e which is capable of 16 switchable inputs.

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 closed-caption extraction and rendering, logo and bitmap overlay, scaling, cropping, de-interlacing and inverse telecine.

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

SimulStream®

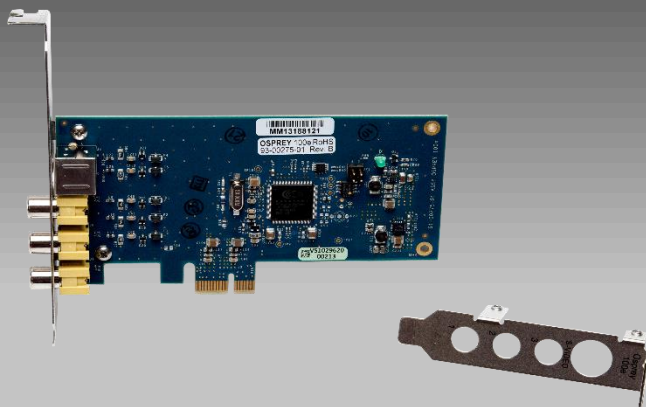
210e, 260e and 460e offer optional SimulStream® which allows each input to produce multiple parallel output streams with independent settings for color space, cropping, scaling, closed caption and overlays facilitating simultaneous delivery to multiple applications.

Osprey® 100e

Video capture card

Model

95-00476 Osprey 100e



Technical Specifications

Description:

- Single Channel analog video - no audio
- Four Switchable Inputs

Format:

- PCIe x1
- Slots: x1, x4, x8, x16

Video Inputs:

- Composite
- S-Video

Video Connector:

- Composite (RCA x3)
- S-Video (mini-DIN x1)

Video Modes:

- NTSC/PAL
- 720 x 480 29.97, 30/I (NTSC)
- 720 x 576 25i (PAL)

Dimensions:

- 5.00" L x 2.71" H (12.70cm L x 6.88cm H)
- Low Profile / Half Height

Weight:

- 42 g

Power Consumption:

- 2.62 W

Osprey®

Video

Osprey® 210e

Video capture card

Models:

- 95-00477 Osprey 210e
- 95-00128 Osprey 210e with Simulstream

Technical Specifications

Description:

- Single Channel analog

Format:

- PCIe x1
- Slots: x1, x4, x8, x16

Video Input:

- Composite
- S-Video

Video Connector:

- Composite (BNC x 1) - RCA adapter included
- S-Video (mini-DIN)

Video Modes:

- NTSC/PAL
- 720 x 480 29.97, 30/I (NTSC)
- 852 x 480, 29.97, 30/I (NTSC Wide Screen)
- 720 x 576 25i (PAL)
- Wide Screen Signaling (WSS)



Audio Input:

- Unbalanced Stereo (3.5 mini phono)

Audio Output:

- Unbalanced stereo line (3.5 mm)

Audio Connector:

- Unbalanced stereo (RCA x2)
- Unbalanced (3.5 mini phono) stereo

Dimensions:

- 5.00" L x 2.71" H (12.70cm L x 6.88cm H)
- Low profile/half height

Weight:

- 42 g

Power Consumption:

- 2.62 W

Osprey® 260e

Video capture card

Models:

- 95-00473 Osprey 260e
- 95-00474 Osprey 260e with Simulstream

Technical Specifications

Description:

Single Channel analog

Format:

- PCIe x1
- Slots: x1, x4, x8, x16

Video Input:

- Composite
- Component
- S-Video

Video Connector:

- Composite (BNC x1) - RCA adapter included
- Y/C (BNC x2) - BNC to mini-DIN adapter included
- Component (BNC x3)

Video Modes:

- NTSC/PAL
- 720 x 480 29.97, 30/I (NTSC)
- 852 x 480, 29.97, 30/I (NTSC Wide Screen)
- 720 x 576 25i (PAL)
- Wide Screen Signaling (WSS)



Audio Input:

- Unbalanced Stereo (RCA x2)
- Balanced Stereo (XLR x2)

Audio Output:

- Unbalanced stereo line (3.5 mm)

Audio Connector:

- Unbalanced stereo (RCA x2)
- Unbalanced (3.5 mini phono) stereo
- Balanced Stereo (XLR x2)

Dimensions:

- 5.00" L x 2.71" H (12.70cm L x 6.88cm H)
- Low profile/half height

Weight:

- 65g

Power Consumption:

- 3.58 W

Osprey® 460e

Video capture card

Models:

- 95-00471 Osprey 460e
- 95-00472 Osprey 460e with Simulstream

Technical Specifications

Description:

Four Channel analog

Format:

- PCIe x1
- Slots: x1, x4, x8, x16

Video Input:

- Composite
- Component
- S-Video

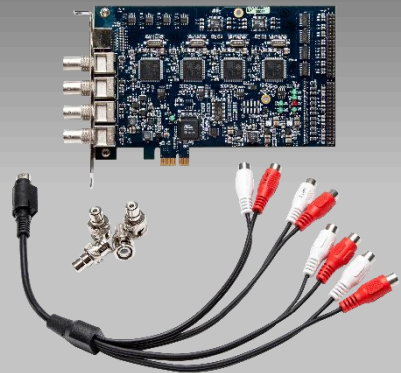
Video Connector:

- Composite x4 (BNC x 4)
- (Additional BNC x 12 optional)*
- Y/C x 4 (BNC x 8) (optional)*

*Requires AV option board

Video Modes:

- NTSC/PAL
- 720 x 480 29.97, 30/I (NTSC)
- 852 x 480, 29.97, 30/I (NTSC Wide Screen)
- 720 x 576 25i (PAL)
- Wide Screen Signaling (WSS)



Audio Input:

- Unbalanced stereo x4 (RCA x8)
 - Balanced stereo x4 (XLR x8) (optional)*
- *Requires AV option board

Audio Connector:

- Unbalanced stereo x4
- RCA via breakout cable (included)

Dimensions:

- 6.60" L x 4.38" H (16.76 cm L x 11.13 cm H)
- Full Height / Half Length

Weight:

- 227g

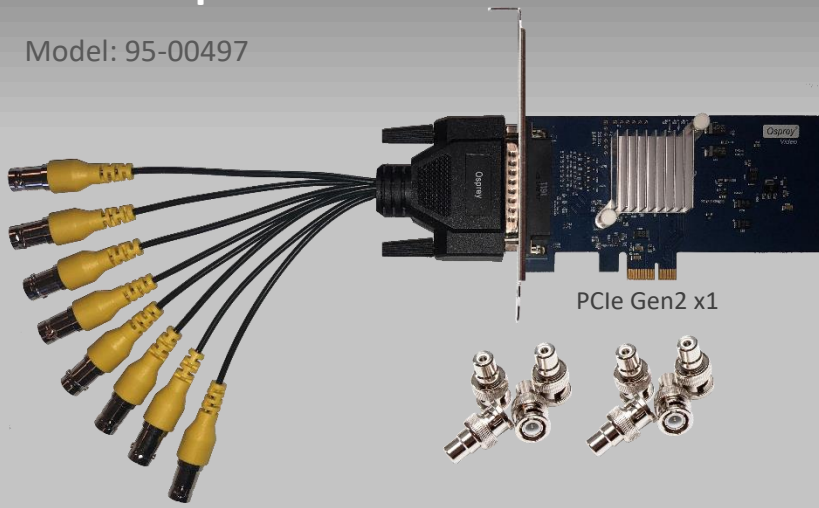
Power Consumption:

- 11 W

Osprey® 480e

Video capture card

Model: 95-00497



PCIe Gen2 x1

Features:

- Simulstream: Simulstream lets you extract multiple streams with independent resolutions and frame rates from a single input.
- Medialooks SDK Support
- Independent Scaling and Frame Rate Conversion for each Input



FRAME RATE
CONVERSION



TEXT OVERLAY
WATERMARKING



SCALING



WINDOWS



DE-
INTERLACING



LINUX



Technical Specifications:

Video Input:

- 8x Composite / CVBS

Video Connectors:

- 8x BNC - RCA adapters included

Video Modes:

- 720 x 480 29.97, 30/i (NTSC)
- 720 x 576 25i (PAL)

Warranty:

- 2 years

Operating Temperature Range:

- 0 to 40C

In the Box:

- Capture Card with Full and Half Height Bracket
- Breakout Cable and 8x BNC to RCA Adapters

Weight:

- 48 g (without breakout cable)

Power Consumption:

- 12 W

Common Technical Specifications



Operating Temp Range

- 0 to 40 C

Non-Operating Temp Range

- -40 to +75 C

Relative Humidity Operating

- Between 5% and 80% (noncondensing)

Relative Humidity Non-Operating

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

Available Drivers

- Microsoft Windows
- Linux (260e, 460e, 480e only)
- For more information on the latest OS compatibility please visit:
www.ospreyvideo.com

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

- 2 Years

Compliance

- CE, FCC, ROHS, WEEE

In the box

- Capture Card
- All applicable cables
- Low-Profile Bracket