

ANALOG CAPTURE CARDS

Component, S-Video and Composite (CVBS) Video and Audio Capture Cards



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)

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.

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.



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

Osprey®

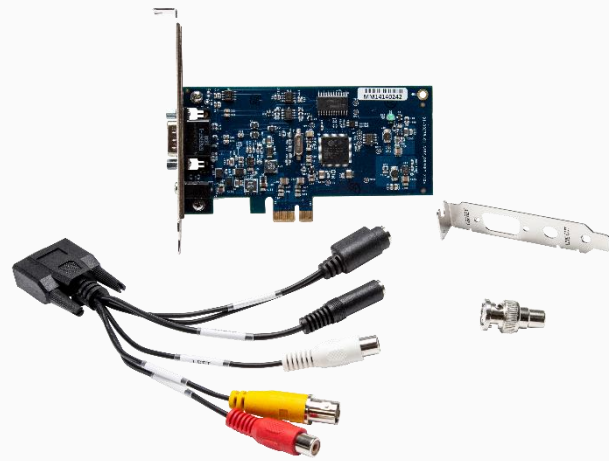
Video

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)

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:

- 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

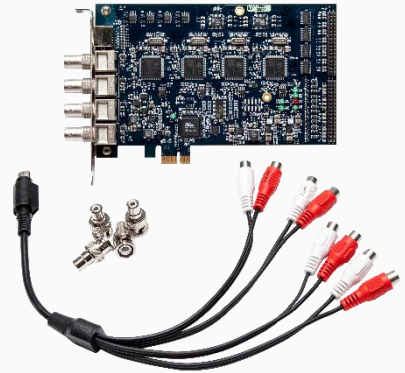
Video Connector:

- 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





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 and 460e 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