ANALOG CAPTURE CARDS

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

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 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.
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, 30/1 (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® 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, 30i (NTSC)
- 852 x 480, 29.97, 30i (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, 30/1 (NTSC)
- 852 x 480, 29.97, 30/1 (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

<table>
<thead>
<tr>
<th>Operating Temp Range</th>
<th>Operating Altitude Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 0 to 40 C</td>
<td>• 0 to 3,048 meters (10,000 feet)</td>
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<thead>
<tr>
<th>Non-Operating Temp Range</th>
<th>Non-Operating Altitude Range</th>
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</thead>
<tbody>
<tr>
<td>• -40 to +75 C</td>
<td>• 0 to 15,240 meters (50,000 feet)</td>
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<table>
<thead>
<tr>
<th>Relative Humidity Operating</th>
<th>System Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Between 5% and 80% (noncondensing)</td>
<td>• High quality video capture requires a PCIe bus with direct access to the CPU</td>
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<thead>
<tr>
<th>Relative Humidity Non-Operating</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 95% RH (non-condensing); gradient 30% per hour</td>
<td>• 2 Years</td>
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<thead>
<tr>
<th>Available Drivers</th>
<th>Compliance</th>
</tr>
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<tbody>
<tr>
<td>• Microsoft Windows</td>
<td>• CE, FCC, ROHS, WEEE</td>
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<tr>
<td>• Linux (260e and 460e only)</td>
<td></td>
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<tr>
<td>• For more information on the latest OS compatibility please visit: <a href="http://www.ospreyvideo.com">www.ospreyvideo.com</a></td>
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<tr>
<th>In the box</th>
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<tbody>
<tr>
<td>• Capture Card</td>
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<tr>
<td>• All applicable cables</td>
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<tr>
<td>• Low-Profile Bracket</td>
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