**HDMI CAPTURE CARDS**

**Raptor Series**

**Osprey 944 – 4 Channels HDMI PCIe**
- 2x HDMI 1.4 (4K30) plus 2x HDMI 1.3 (1080p60)
- 8 Embedded Audio Channels per Input

**Osprey 924 – 2 Channels HDMI PCIe**
- 2x HDMI 1.4 (4K30)
- 8 Embedded Audio Channels per Input

**Osprey 914 – 1 Channel HDMI PCIe**
- HDMI 1.4 (4K30)
- 8 Embedded Audio Channels per Input

**Osprey M14 – 1 Channel HDMI M.2 2280**
- HDMI 1.4 (4K30)
- 8 Embedded Audio Channels per Input

**Osprey 1224 – 2 Channels HDMI PCIe**
- 2x HDMI 2.0 (4K60)
- 8 Embedded Audio Channels per Input

**Osprey 1214 – 1 Channel HDMI PCIe**
- HDMI 2.0 (4K60)
- 8 Embedded Audio Channels per Input

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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.

914, 924 are available in a RUGGED Version:
- Passive Cooling
- Extended Temperature Range of 0°C to 60°C
- Coating for high humidity / outdoor applications
- Extended 3yr Warranty

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**Osprey® 944**

**Video capture card**

Model:
95-00506 Osprey 944

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### Technical Specifications

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<th>PCI Format</th>
<th>Video Connectors</th>
<th>Video Modes</th>
<th>Audio</th>
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<tr>
<td>Two channels HDMI 1.4 (4K30)</td>
<td>PCI Express Gen 2 (x 4): Slots: x4, x 8, or x 16</td>
<td>Full Size HDMI x4 (Type A)</td>
<td>UHD 2160p 23.98, 24, 25, 29.97, 30</td>
<td>4 Embedded Stereo Pairs for each HDMI input</td>
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<tr>
<td>Two channels HDMI 1.3 (1080P60)</td>
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<td>1080i 50, 59.94, 60</td>
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<td></td>
<td></td>
<td></td>
<td>1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>720p 50, 59.94, 60</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>576p, 480p</td>
<td></td>
</tr>
</tbody>
</table>

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### Dimensions

- 6.60” L x 4.38” H (16.76cm L x 11.13cm H)
- Full Height

### In the Box

- Capture Card

### Weight

- ~ 182 g

### Power Consumption

- ~ 4.8 W

### Temperature Range

- 0 to 40°C Operating Temperature
- -40 to 75°C 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
## Technical Specifications

### Description
- Two channels HDMI1.3 (4K30)

### PCI Format
- PCI Express Gen2 (x 4):
  - Slots: x4, x 8, or x 16

### Video Connectors
- Full Size HDMI x2 (Type A)

### Video Modes
- UHD 2160p 23.98, 24, 25, 29.97, 30
- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 720p 50, 59.94, 60
- 576p, 480p

### Audio
- 4 Embedded Stereo Pairs for each HDMI input

### Dimensions
- 6.60” L x 2.71” H (16.76cm L x 6.88cm H)
- Full Height

### In the Box
- Capture Card
- Half Height Bracket

### Weight
- ~ 146 g

### Power Consumption
- ~ 4.8 W

### 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
# Osprey® 914

**Video capture card**

**Model:**
95-00504  Osprey 914

## Technical Specifications

### Description
- Single Channel HDMI1.3 (4K30)

### PCI Format
- PCI Express Gen2 (x 4):
- Slots: x 8, or x 16

### Video Connectors
- Full Size HDMI x1 (Type A)

### Video Modes
- UHD 2160p 23.98, 24, 25, 29.97, 30
- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 720p 50, 59.94, 60
- 576p, 480p

### Audio
- 4 Embedded Stereo Pairs

### Dimensions
- 6.60” L x 2.71” H (16.76cm L x 6.88cm H)
- Full Height

### In the Box
- Capture Card
- Half Height Bracket

### Weight
- ~138 g

### Power Consumption
- ~ 4.8 W

### 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
Osprey® M14
Video capture card

Model:
95-00512 Osprey M14

Technical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>• Single Channel HDMI1.4 (4K30)</td>
<td>• 2280</td>
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</table>

<table>
<thead>
<tr>
<th>PCI Format</th>
<th>In the Box</th>
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<tbody>
<tr>
<td>• PCI Express Gen2 (x 2): M.2</td>
<td>• Capture Card</td>
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<table>
<thead>
<tr>
<th>Video Connectors</th>
<th>Weight</th>
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<tbody>
<tr>
<td>• Micro HDMI x1</td>
<td>• ~ 32 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video Modes</th>
<th>Power Consumption</th>
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<tr>
<td>• UHD 2160p 23.98, 24, 25, 29.97, 30</td>
<td>• ~ 2.8 W</td>
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<tr>
<td>• 1080i 50, 59.94, 60</td>
<td></td>
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<tr>
<td>• 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60</td>
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<tr>
<td>• 720p 50, 59.94, 60</td>
<td></td>
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<tr>
<td>• 576p, 480p</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Audio</th>
<th>Temperature Range</th>
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</thead>
<tbody>
<tr>
<td>• 4 Embedded Stereo Pairs</td>
<td>• 0 to 40°C Operating Temperature</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Humidity Range (non-condensing)</th>
<th>Altitude Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Between 5% and 80% Operating</td>
<td>• 0 to 3,048m (10,000ft) Operating</td>
</tr>
<tr>
<td>• 95% RH, gradient 30% per hour Non-Operating</td>
<td>• 0 to 15,240m (50,000ft) Non-Operating</td>
</tr>
</tbody>
</table>
Osprey® 1224
Video capture card

Model:
95-00518 Osprey 1224

Technical Specifications

Description
• Two channels HDMI2.0 (4K60)

PCI Format
• PCI Express Gen2 (x 8):
• Slots: x4, x 8, or x 16

Video Connectors
• Full Size HDMI x2 (Type A)

Video Modes
• UHD 2160p 23.98, 24, 25, 29.97, 30, 50, 60
• 1080i 50, 59.94, 60
• 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
• 720p 50, 59.94, 60
• 576p, 480p

Audio
• 4 Embedded Stereo Pairs for each HDMI input

Dimensions
• 6.60” L x 2.71” H (16.76cm L x 6.88cm H)
• Full Height

In the Box
• Capture Card
• Half Height Bracket

Weight
• ~ 146 g

Power Consumption
• ~ 4.8 W

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
Osprey® 1214
Video capture card

Model:
95-00517  Osprey 1214

Technical Specifications

Description
• Single Channel HDMI 2.0 (4K60)

PCI Format
• PCI Express Gen2 (x 8):
  • Slots: x 8, or x 16

Video Connectors
• Full Size HDMI x1 (Type A)

Video Modes
• UHD 2160p 23.98, 24, 25, 29.97, 30, 50, 60
• 1080i 50, 59.94, 60
• 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
• 720p 50, 59.94, 60
• 576p, 480p

Audio
• 4 Embedded Stereo Pairs

Dimensions
• 6.60” L x 2.71” H (16.76cm L x 6.88cm H)
• Full Height

In the Box
• Capture Card
• Half Height Bracket

Weight
• ~ 138 g

Power Consumption
• ~ 4.8 W

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

Humidity Range (non-condensing)
• Between 5% and 80% Operating
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Altitude Range
• 0 to 3,048m (10,000ft) Operating
• 0 to 15,240m (50,000ft) Non-Operating
Raptor Series 12xx, 9xx , Mxx
Common Technical Specifications

Operating Temp Range
- 0 to 40 C
- 0 to 60 C for Rugged Version

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
- 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
- 3 Years for Rugged Version

Compliance
- CE, FCC, ROHS, WEEE

In the box
- Capture Card
- All applicable cables, adapters & brackets