

# 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 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



FRAME RATE  
CONVERSION



SCALING



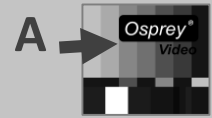
DE-INTERLACING



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 Rugged

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



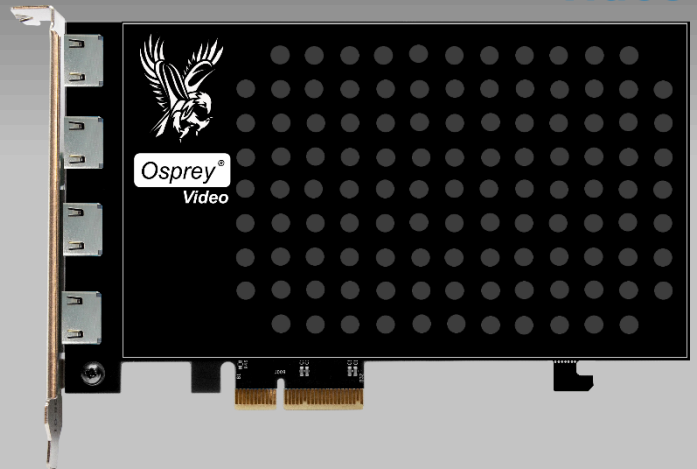
# Osprey® 944

## Video capture card

Osprey®  
Video

Model:  
95-00506 Osprey 944

### Technical Specifications



#### Description

- Two channels HDMI1.4 (4K30)
- Two channels HDMI1.3 (1080P60)

#### PCI Format

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

#### Video Connectors

- Full Size HDMI x4 (Type A)

#### Video Modes

- UHD 3840x2160p 23.98, 24, 25, 29.97, 30
- DCI 4096x2160p 23.98, 24
- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 720p 50, 59.94, 60
- 576p, 480p

#### PC Video Standards

- 1920x1200, 1600x1200, 1400x1050, 1200x1024  
1280x960, 1360x768, 1280x768, 1024x768  
800x600, 640x480

#### Audio

- 4 Embedded Stereo Pairs for each HDMI input

#### 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 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

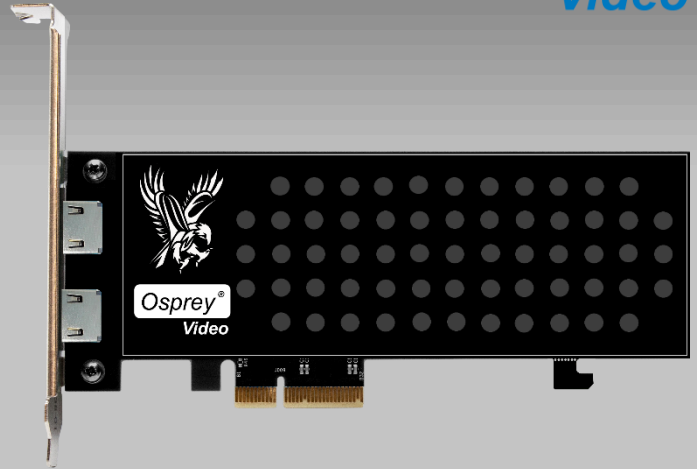
# Osprey® 924

## Video capture card



Model:  
95-00505 Osprey 924

### Technical Specifications



#### Description

- Two channels HDMI1.4 (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 3840x2160p 23.98, 24, 25, 29.97, 30
- DCI 4096x2160p 23.98, 24
- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 720p 50, 59.94, 60
- 576p, 480p

#### PC Video Standards

- 1920x1200, 1600x1200, 1400x1050, 1200x1024  
1280x960, 1360x768, 1280x768, 1024x768  
800x600, 640x480

#### 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 with Full Height Bracket
- 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

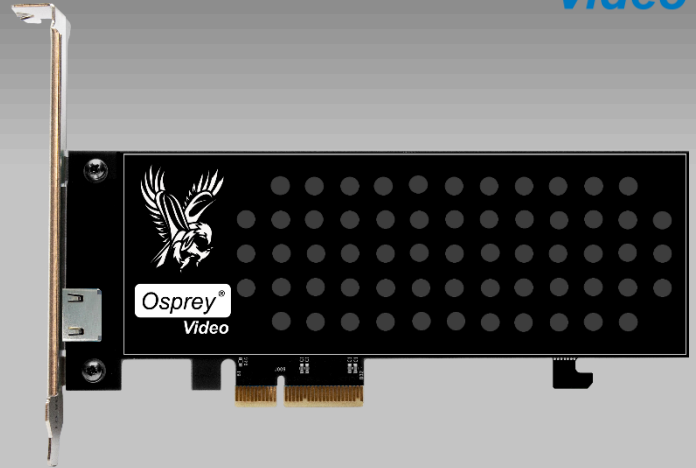
# Osprey® 914

## Video capture card



Model:  
95-00504      Osprey 914

### Technical Specifications



#### Description

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- Single Channel HDMI1.4 (4K30)

#### PCI Format

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

#### Video Connectors

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- Full Size HDMI x1 (Type A)

#### Video Modes

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- UHD 3840x2160p 23.98, 24, 25, 29.97, 30
- DCI 4096x2160p 23.98, 24
- 1080i 50, 59.94, 60
- 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 720p 50, 59.94, 60
- 576p, 480p

#### PC Video Standards

---

- 1920x1200, 1600x1200, 1400x1050, 1200x1024  
1280x960, 1360x768, 1280x768, 1024x768  
800x600, 640x480

#### Audio

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- 4 Embedded Stereo Pairs

#### Dimensions

---

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

#### In the Box

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- Capture Card with Full Height Bracket
- Half Height Bracket

#### Weight

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- ~ 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

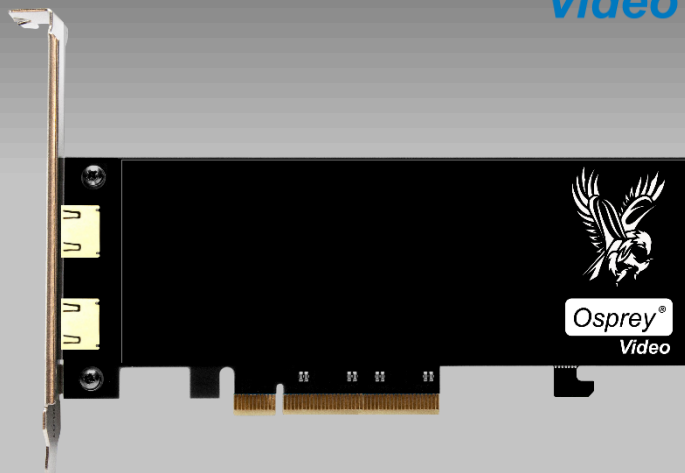
# Osprey® 1224

## Video capture card

Osprey®  
Video

Model:  
95-00518      Osprey 1224

### Technical Specifications



#### Description

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- Two channels HDMI2.0 (4K60)

#### PCI Format

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

#### Video Connectors

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- Full Size HDMI x2 (Type A)

#### Video Modes

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- 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

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- 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 with Full Height Bracket
- 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

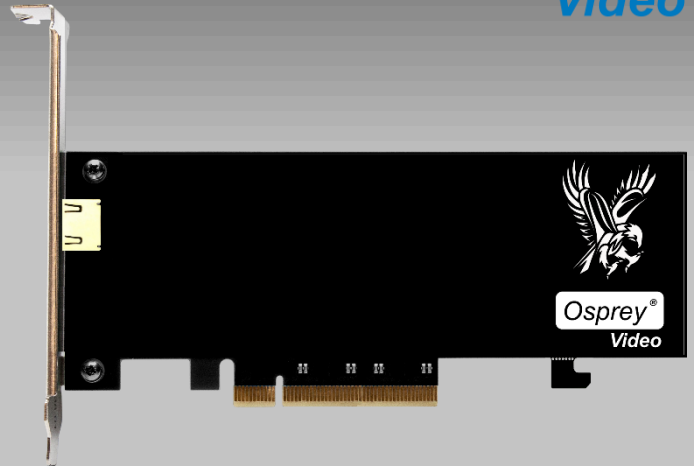
## Video capture card

Osprey®  
Video

Model:

95-00517      Osprey 1214

### Technical Specifications



#### Description

---

- Single Channel HDMI2.0 (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 with Full Height Bracket
- 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)

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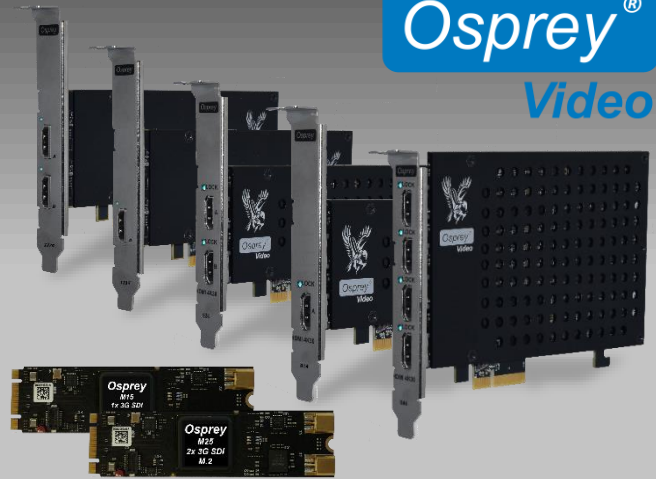
- Between 5% and 80% Operating
- 95% RH, gradient 30% per hour Non-Operating

#### Altitude Range

---

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

# Raptor Series 12xx, 9xx ,Mxx Common Technical Specifications



## Operating Temp Range

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- 0 to 40 C
- 0 to 60 C for Rugged Version

## Non-Operating Temp Range

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- -40 to +75 C

## Relative Humidity Operating

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- Between 5% and 80% (noncondensing)

## Relative Humidity Non-Operating

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

## Available Drivers

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- Microsoft Windows
- Linux
- For more information on the latest OS compatibility please visit:  
[www.ospreyvideo.com](http://www.ospreyvideo.com)

## Operating Altitude Range

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- 0 to 3,048 meters (10,000 feet)

## Non-Operating Altitude Range

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- 0 to 15,240 meters (50,000 feet)

## System Recommendations

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- High quality video capture requires a PCIe bus with direct access to the CPU

## Warranty

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- 2 Years
- 3 Years for Rugged Version

## Compliance

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- CE, FCC, ROHS, WEEE

## In the box

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- Capture Card
- All applicable cables, adapters & brackets

