

Osprey[®] 530

Video Capture Card

Flexible analog and SDI digital capture card.



The Osprey 530 is a high-performance analog and digital video capture card engineered to interface seamlessly with high-end broadcast gear for maximum performance, flexibility and reliability. With a combination of analog and SDI digital inputs and versatile audio input options, the Osprey 530 is ideal for live or on-demand video capture and live streaming encoding applications, including delivery to mobile devices.

Professional features for broadcasters.

Features, such as color space conversion, automatic telecine detection and processing, and automatic optimization for changing motion content, make this card a perfect choice for broadcast professionals.

Multiple streams per input.

With the SimulStream[®] feature, the Osprey 530 can feed multiple encoders at the same time.

Create multiple streams of the same type with completely independent settings for sizing, scaling, logos and bit rates.

Ideal Solutions

- > Broadcasters
- > Government
- > Global OEM systems integrators

Applications

- > Webcasting
- > Live streaming
- > Podcasting
- > Mobile TV
- > Video on Demand

Key Attributes

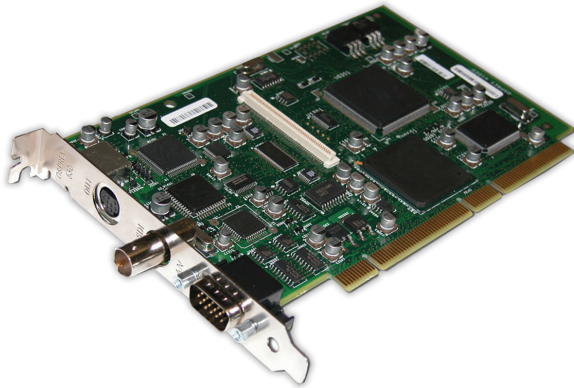
- > Supports multichannel embedded digital audio on SDI input
- > Closed-caption extraction from analog and SDI inputs
- > Hardware cropping and bitmap overlay
- > Cascadable architecture allows for multiple Osprey 530 cards per chassis
- > Buffered DMA for ultra-high performance (full 30 fps)
- > 64-bit PCI-X™ bus, downward compatible with PCI™ bus
- > Advanced signal equalization to optimize SDI signal performance
- > Drivers available for Microsoft[®] Windows[®] and Linux operating systems

Continue the Legacy. Capture the Future.



OSPREY® 530

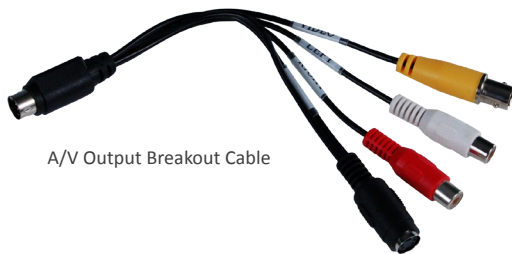
Video Capture Card



Breakout Cables



Input Breakout Cable



A/V Output Breakout Cable

Specifications

Driver Support:

- Microsoft® DirectShow® API
- Linux available from open source community

Inputs:

Video:

One channel switchable input:

- SDI (BNC x 1)
- S-Video (mini-DIN)
- Composite (BNC x 1)

Audio:

- Unbalanced stereo (RCA x 2 via included breakout cable)
- Balanced stereo (XLR x 2) (via included breakout cable)
- AES/EBU (XLR x 1) (via included breakout cable)
- Embedded SDI (4 channel selectable between 4 stereo channel pairs)

Video Format:

- NTSC/PAL

Outputs:

Video: (Breakout cable)

- Composite (BNC x 1)
- S-Video (mini-DIN)

Audio: (Breakout cable)

- Unbalanced stereo (RCA)

Connectivity:

PCI-X™

- 64-bit/66 MHz, 3.3 V and 5 V, PCI™ 2.3 compliant
- 32-bit/33 MHz (PCI™ compatible)

Pre-Processing:

- Closed-caption extraction/rendering
- Logo/bitmap overlay
- Loss of video automatic test pattern generation with text overlay option
- Scaling, cropping, de-interlacing and inverse telecine

Dimensions:

- Full-height / half-length board
- 6.60" L x 4.20" H (16.76 cm L x 10.67 cm H)

Hardware Warranty:

- 1 year limited hardware warranty

System Requirements:

- Video capture requires intense bandwidth across the system bus, CPU, and memory. Motherboards with DDR3 memory architecture is highly recommended.
- Multi-core processors are recommended to run video applications.



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