



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 its combination of analog and SDI digital inputs and its versatile audio input options, it is ideally suited for live or on-demand video capture and live streaming encoding applications, including delivery to mobile devices. It also serves government entities well for applications like streaming open meetings.

Professional features for broadcasters.

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

Optimized for live streaming.

Take advantage of the Osprey 530 card's features, such as logo/bitmap overlay with transparency and

positioning controls. Automatically detect and adapt on-the-fly when the input video format changes from movie frame rates to television frame rates. The Osprey 530 can do the job today and it's ready for your future applications.

Multiple streams per input.

With the optional 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.

Industry-proven performance.

More than 370 K Osprey cards out in the worldwide marketplace are being used in a wide variety of broadcast, commercial and industrial applications. You'll find Osprey 530 capture cards in mission-critical applications throughout the world.

Ideal Solutions

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

Applications

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

Key Attributes

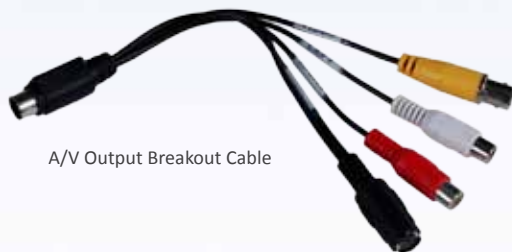
- > Supports multichannel embedded digital audio on SDI input
- > Closed-caption extraction from analog and SDI inputs
- > Hardware cropping and bitmap overlay
- > Cascadable architecture allows for multiple Osprey 530 cards per chassis
- > Buffered DMA for ultra-high performance (full 30 fps)
- > 64-bit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

OSPREY® 530

Video Capture Card

**Breakout Cables**

Input Breakout Cable



A/V Output Breakout Cable

Driver Support:

- Microsoft® DirectShow® API

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)
- AES/EBU (XLR x 1)
- 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
- 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 4.38" H (16.7 cm L x 11.12 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.

