ViewCast®

Next Generation Streaming Media Solutions

Osprey®-530
Video Capture Card

Quick Facts

- *Digital/Analog combination card offers greater flexibility.*

- *Suited for live streaming and video-on-demand (VOD).*

- *Capacity to encode for delivery to PCs and mobile devices*

- *Professional-grade features.*

Osprey®-530

Think performance!

Osprey®-530
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 Designed for Live 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 Osprey SimulStream® feature, the Osprey-530 can feed multiple encoders at the same time. Use it with ViewCast Niagara SCX® Standard to easily create and manage live streams in RealVideo® and Windows Media® all at the same time, in any combination. Or create multiple streams of the same type with completely independent settings for sizing, scaling, logos and bit rates.

Global Standards Support

Like all Osprey® cards, the Osprey-530 supports global analog and standard-definition SDI formats, including NTSC and PAL. If you are a global OEM integrator seeking a single-solution deployment strategy, this card's for you.

Compatible with Popular Application Software

Like all Osprey cards, the Osprey-530 works great with popular video capture and encoding applications, including our own Niagara SCX Standard multi-codec streaming manager. Some of those other cards lock you in to a select few applications.

Industry-Proven Performance

Over 300,000 Osprey cards out in the worldwide marketplace 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.
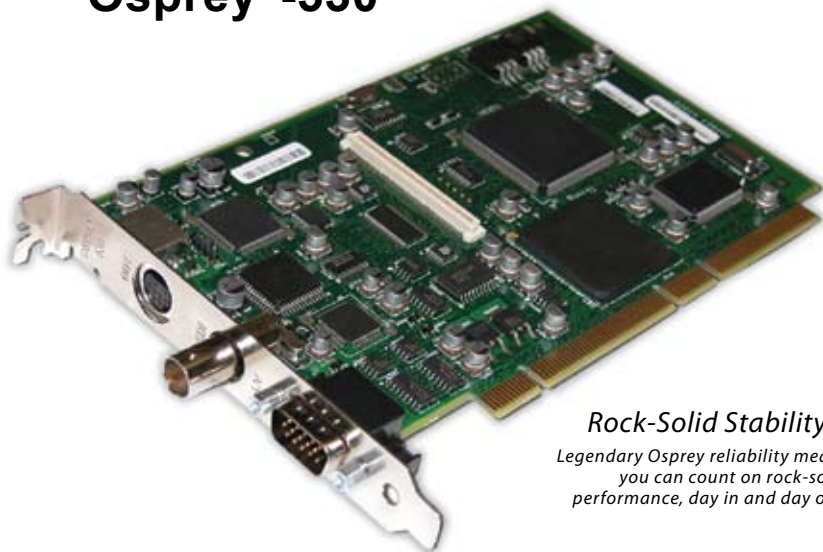
SDI Signal Tolerance

The Osprey-530 includes special SDI signal capture and processing technology so it can handle sub-optimum cable quality with no loss of performance. Doubt you'll find that feature in competitor capture cards!

* To ensure ability to use this feature download the lated Osprey-530 driver.

Mix and Match with Other Osprey Capture Cards

You can use multiple Osprey cards in the same machine. You can even freely mix and match with other Osprey models. Try doing that with your average computer-store capture card!

Osprey®-530

Rock-Solid Stability –
Legendary Osprey reliability means
you can count on rock-solid
performance, day in and day out.

Specifications

- Video resolution: Selectable, up to full SD industry standards
- Video input: SDI, composite (BNC), S-Video
- Supports SDI cable length up to 350m
- Audio input: Balanced stereo (2 x XLR), unbalanced stereo (2 x RCA), embedded SDI, AES/EBU digital audio (XLR)
- Video output: Composite (BNC), S-Video
- Audio output: Unbalanced stereo line level (2 x RCA)
- 64-bit/66MHz PCI-X interface
- 32-bit/33MHz PCI compatible
- 3.3 V PCI 2.3 compliant
- Windows Server® 2003, Windows® XP and Linux (open source)

Options

Optional dual-card rack-mount panels and desktop interface panels are available. Note that the 1U breakout panel has two sets each of composite video, S-Video, as well as balanced & unbalanced audio connectors to support two Osprey-530 cards per panel.

Features

- Composite, S-Video and SDI digital video inputs
- Balanced, Unbalanced, and AES/EBU Digital Audio inputs
- Supports multichannel embedded digital audio on SDI input
- Analog audio/video outputs for live monitoring
- Advanced Signal Equalization for handling long SDI cables
- Buffered DMA for ultra-high performance (full 30 fps)
- Hardware audio gain control
- Closed caption extraction from analog and SDI inputs
- AVI or extended AVI capture for use with the most popular 3rd party editing and streaming software applications
- Hardware cropping and bitmap overlay
- 64-bit PCI-X™ bus, downward compatible with PCI™ bus
- Cascadable architecture allows for multiple Osprey-530 cards per chassis
- Osprey SimulStream-ready
- Optimized for Niagara SCX Remote encoder management and control software

Includes breakout cable for analog video, analog and AES/EBU digital audio inputs, and audio and video output cable to monitor the selected input.

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ViewCast®
www.viewcast.com