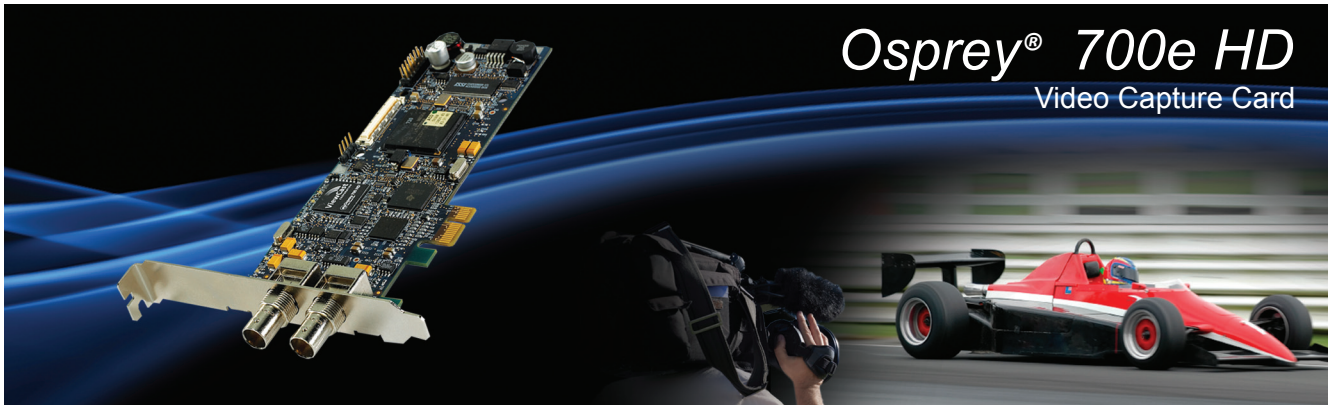# Osprey® 700e HD
## Video Capture Card

## Designed for Live in HD with SD Switching On-the-Fly

ViewCast's first high-definition (HD) card for the Osprey® family, the Osprey 700e HD comes with standard-definition (SD) switching on-the-fly, legendary Osprey performance, and the latest PCI Express™ technology.

Already making a splash, the Osprey 700e HD won Streaming Media's 2008 Readers Choice Award and TV Technology magazine's 2007 STAR Award and was featured in HD Video Pro magazine's February 2008 issue.

### Designed for Live Exclusive Adaptive Features.
The Osprey 700e HD card comes with Designed for Live™ features which distinguishs it from many cards used for ingesting video into video editing systems or other applications.

### Multiple Streams Per Input.
Purchase the Osprey 700e HD with SimulStream and you can:

- *Feed multiple encoders at the same time.*

- *Use with a variety of available streaming codecs to easily create and manage live streams.*

- *Supports SD and HD streams.*

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

### Industry-proven performance.
Over 300,000 Osprey cards are out in the marketplace worldwide being used in a wide variety of broadcast, commercial and industrial applications. You'll find Osprey capture cards in mission-critical applications throughout the world.

### Ideal Solution for:
- > Broadcasters
- > Government
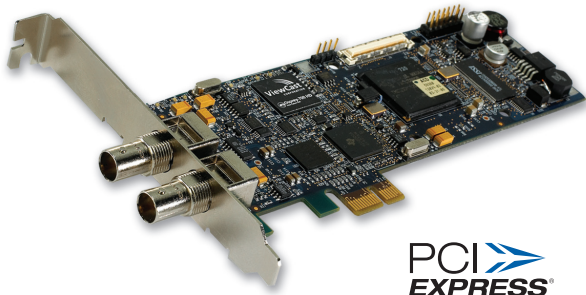- > Global OEM System Integrators

### Applications
- > Webcasting
- > Live streaming
- > Podcasting
- > Mobile TV
- > Video-on-demand

### Key Attributes
- > Accepts both Standard Definition and High-Definition inputs
- > Automatically adapts between SD and HD signals via Designed for Live features
- > On-the-Fly HD to SD downscaling
- > High-powered PCI Express bus for maximum performance
- > SimulStream option enables:
  - *Completely independent settings for sizing, scaling, and bit rate speeds, plus logo overlays with dynamic positioning*
  - *A multitude of simultaneous video format outputs, including MPEG-4, RealNetworks, Windows Media and Adobe Flash*
  - *Instant Video-On-Demand (VOD), allowing your live stream to become instantly available as VOD content*
- > Low-profile architecture for form-factor constrained environments
- > Professional broadcaster features, such as Loss of Video Detection, color space conversion, automatic telecine detection and processing, and automatic optimization for changing motion content

## ViewCast®
### Next Generation Streaming Media Solutions

# Osprey® 700e HD
## Video Capture Card



## Section/Chart Heading

| Name | Rates | Resolution | Aspect Ratio |
|------|-------|------------|--------------|
| 480i | 30 / 29.97 | 720 x 480 | 4:3 |
| 576i | 25 | 720 x 576 | 4:3 |
| 576p | 50 / 25 | 720 x 576 | 4:3 |
| 720p | 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 | 1280 x 720 | 16:9 |
| 1080i | 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 | 1920 x 1080 | 16:9 |
| 1080p | 30 / 29.97 / 25 / 24 / 23.98 | 1920 x 1080 | 16:9 |

**Encoding Formats**
- *DirectShow® compatible*

**Inputs:**

Video:
- SDI (*BNCx1*)

Audio:
- Embedded SDI (*16 channel*)

**Outputs:**

Video:
- SDI Pass through

Audio:
- Embedded SDI

**Connectivity:**

PCI Express (X1) :
- Slots: X1, X4, X8, or X16

**Processing:**

Pre-processing:
- Scaling, cropping, de-interlacing, inverse telecine, closed caption rendering

**Dimensions:**
- Full Height, Half Lenght Board
- 6.60" L x 2.71" H (*16.77cm L x 6.89cm H*)

**Hardware Warranty:**
- 2 Year limited hardware warranty