



**Osprey® 700e HD Multimedia Capture Driver
Release Notes
Driver Version 2.1.0.40 BETA**

For the following Card(s):
Osprey 700eHD

For the 64-bit version of Microsoft Windows XP SP2, Server 2003 Enterprise R2, Vista Business SP2, Server 2008 Enterprise R2, and Windows 7

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Introduction

This is a class 5 AVStream video and audio capture driver for the ViewCast Osprey-700e HD video capture card. This driver is built on Microsoft's AVStream / DirectShow® driver model.

Check the ViewCast Website for updates or other OS drivers.

This driver works only with genuine Osprey video capture cards designed and marketed by ViewCast Corporation of Plano, TX USA.

New Features

Significant new features include:

- Property pages respond better to events generated by the driver.
- Enhanced closed caption support

Recent Updates

(Beta version- still in test)

- Resolves issue with closed caption duplication
- Corrects a potential time stamp error.
- Adds VIDEOINFOHEADER2 support.
- Fixed an issue caused by repetitive encoder starts and stops.
- Improves DMA buffers for Windows Vista OS.
- Fixed issue 5427 when pausing and restarting GraphEdit.

Troubleshooting

If the installation program for this driver appears to hang, press Alt-Tab to ensure the installation screen is not hidden.

The 'Digital Signature Not Found' window may appear during the installation. Select the 'Continue Anyway' button to dismiss this dialog.

Testing the Driver:

The driver is able to access the properties for the card through most major DirectShow applications such as Windows Media Encoder or RealProducer. For detailed information on how to select the Osprey card and access the video properties, see the documentation with the 3rd party software.

Manuals and Help:

Refer to the Osprey-700e HD User Guide for detailed information about the Osprey driver.

Several features in the driver may not have yet been added to the manual available on the driver CD. Please check the ViewCast website for manual updates. Beta driver testers will not have a CD and should download the latest available manual from the ViewCast Website.

Latest Drivers and documentation:

Before installing, check the ViewCast Corporation Website at www.viewcast.com for the latest drivers and documentation.

If there is no newer driver at the time of your installation, periodically check the Website for newer versions.

Known issues in this version

This release is not WHQL-certified.

The diagnostic tab should only be used at the direction of a ViewCast technical representative. Invoking tests or setting the wrong value could lock up the computer.

ID 4711

You should avoid up scaling in Windows Media encoder. For example an upscale from 480p to 1080i may freeze the encoder. The O-700e HD is capable of doing the upscale prior to encoding and will provide a more stable encode.

ID 5055

The recommended display adapter setting (Color quality) is 32 bit or higher. Lower settings can cause distorted logo bitmaps and other issues.

ID 5086

If the system color depth is set to 16 bit, the use of watermarking may cause Windows Media Encoder to freeze.

ID 5087

The closed caption feature may not work correctly.

ID 5105

Under the watermark tab you must use browse to select your file. The text box is read only.

ID 4645

Driver Installation:

The examples provided are Microsoft Windows XP and other OS versions may vary. Depending on your system setup, you will have multiple options for the installation of the Osprey Multimedia drivers.

If you need to re-install this Osprey 700e HD driver, you must uninstall any previous Osprey 700e HD driver and reboot.

Following are the different scenarios and their methods of installation:

INSTALL SCENARIOS

In all cases, the most efficient and complete installation method is to run the setup.exe program on the product CD or in the Web package you downloaded after you have installed the Osprey card(s). The setup program automates the Plug and Play steps required to install the drivers and ensures they are performed correctly.

Following are the different scenarios and their methods of installation:

There are three main situations that might apply to you:

Scenario 1: Osprey card(s) not physically installed in the PC. * RECOMMENDED METHOD*

Scenario 2: Osprey card(s) physically installed, but Osprey software not installed.

Scenario 3: Osprey card(s) physically installed, and previous Osprey software installed.

You must uninstall all previous installations of the Osprey 700e HD driver prior to installing this version. You must also reboot your computer after uninstalling.

It is possible to install the Osprey 700e HD driver using the Hardware Installation Wizard. Select "Have disk" and navigate to the Drivers directory located on the installation disk to select the inf file. This is an advanced feature and will not be supported by documentation or Customer Support. Use this method at your own risk.

The installer provides a Custom installation option, which allows selected installation.

Although the installer allows drivers to reside across mapped network drives, this method is not recommended because it will not allow a proper uninstall.

SCENARIO 1: OSPREY CARD(S) NOT PHYSICALLY INSTALLED IN THE PC

This scenario is called the "Preinstall Scenario." After the install is run, as soon as an Osprey card is installed in the PC, it is detected and its drivers are started automatically.

1. Double-click the setup.exe file to start the installation.
2. If you choose to do a custom install, select Destination Folders and Program Folders when prompted.
3. You will then be prompted to preinstall the drivers. Select Yes to continue.
4. The Osprey software is now fully installed. It will be ready for use after you install the Osprey card in your computer.
5. When you are ready to install the card, shut down and install the Osprey card inside your computer, then power up the computer. The OS will detect the newly present Osprey card, and begin to activate the pre-installed driver. The Osprey card will then be ready for use.

SCENARIO 2: OSPREY 700e HD CARD(S) PHYSICALLY INSTALLED, BUT OSPREY SOFTWARE NOT INSTALLED

Run the Installation Program:

When the OS is first started for the first time after the Osprey card is installed, the New Hardware Found wizard may appear one or more times. CANCEL OUT OF THESE WIZARDS.

After the OS has finished starting, do the following:

1. Double-click the setup.exe file. This will start the installation program.
2. If you choose to do a custom install, select Destination Folders and Program Folders when prompted.

3. When the installation is finished, there is no need to restart the PC. Your Osprey card(s) can be used directly.

SCENARIO 3: OSPREY 700e HD CARD(S) PHYSICALLY INSTALLED, AND PREVIOUS OSPREY SOFTWARE INSTALLED

This scenario is for the case when the Osprey card is physically installed in the PC and there is a previous installation of the Osprey drivers.

It is necessary to uninstall the old driver before installing the new driver. You must also reboot your computer after uninstalling.

After restarting, the New Hardware Found wizard may appear one or more times. CANCEL OUT OF THESE WIZARDS.

Run the Installation Program

1. Double-click the setup.exe file. This will start the installation program.
2. If you choose to do a custom install, select Destination Folders and Program Folders when prompted.

Support Contact information:

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