

ExpressCard 1080p Capture Card for HDMI®

ECHDCAP



*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

The ECHDCAP ExpressCard Video Capture Card for HDMI® (1080p) lets you capture high-definition video and audio from an HDMI source to your laptop computer through an ExpressCard expansion slot.

Support for full 1080p video input, as well as HDMI audio makes this HD capture card the perfect solution for creating digital copies of your videos for editing and compiling, or for simply recording video to your laptop.

This ExpressCard-based capture card supports NTSC and PAL systems, and includes an easy to use video capture software suite that enables you to record video or take still screenshots and save them to your laptop/notebook computer.

The laptop capture card features a flushmount ExpressCard design that sits flush with the sides of the laptop, creating a seamless add-on that can be left installed, even while on the move.

Packaging Contents

- 1 x ExpressCard Video Capture Card
- 1 x HDMI to Mini HDMI Cable
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- ExpressCard enabled computer system with available ExpressCard slot
- HDMI cable to connect video source
- CPU: Intel Core 2 Duo (for 720p capture)
Intel Core i5 (for 1080p capture)
- Memory: 1 GB
- Video: DirectX 9.0c Compatible Graphics Card
- Microsoft® Windows® XP/ Vista/ 7 (32/64-bit)



HDMI type A connector

Installation

WARNING! PCI Express cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI Express card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI Express card by its edges and not the gold connectors.

Hardware Installation

The ECHDCAP adapter will slide into an open ExpressCard slot on any compatible computer system. While the computer is powered off, push the ECHDCAP all the way into the ExpressCard slot until a 'click' is heard as the card locks into place. To eject the card, simply push the ECHDCAP adapter further into the slot until a 'click' is again heard as the card releases from the socket, and automatically ejects from the slot.

NOTE: Some ExpressCard/54 slots do not firmly hold an ExpressCard/34 card, so a 34mm to 54mm stabilizer bracket may be necessary (StarTech.com ID: ECBRACKET).

Driver/Software Installation

1. Upon starting Windows, if the "Found New Hardware" wizard appears on the screen, cancel/close the window and insert the included Driver CD into the computer's CD/DVD drive.
2. AutoPlay should automatically prompt you to run "Setup.exe". If not, open "My Computer" and double-click on the CD/DVD drive. Double-click the "Setup.exe" icon.
3. Proceed through the Installation wizard.
4. Complete the wizard and this should automatically install all necessary drivers/software. An icon for "StreamCatcher" should now be on the desktop.

How to Use

Connect the video/audio HDMI source to the video capture card using the appropriate HDMI cable.

Stream Catcher

Double-click the “StreamCatcher” icon on the desktop to launch the video capture application. This will bring up the main menu screen that contains the video preview window and recording controls. Additional options and configurations can be accessed through the Main Menu.



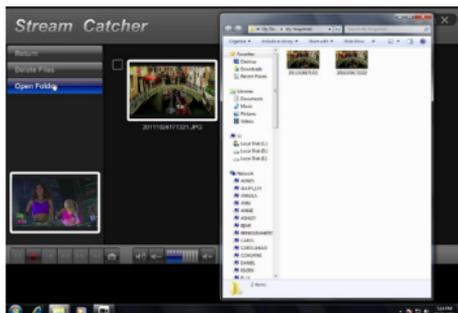
Initial Setup Note: If you have a video source connected, but are not able to view anything in the video window, go to the “Settings” section first, to make sure the “device” is configured properly. If using an **HDCP protected** video source (i.e. retail Blu-Ray movie), this will also result in no video preview/capture.



Manually recording video can be done by simply pressing the “Record” button from the control menu along the bottom of the Stream Catcher window. The frame around the video window will turn red, while recording. When you wish to stop recording, press the “Stop” button. The “Snapshot” button allows of taking a screen capture of the video stream.

Snapshot Files

Clicking this button will open the folder location where all of the snapshot files are saved in Windows.



Record Files

Clicking this button will open the folder location where all of the recorded video files are saved in Windows.



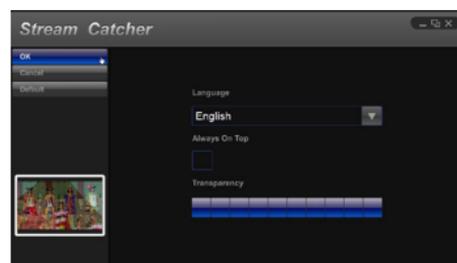
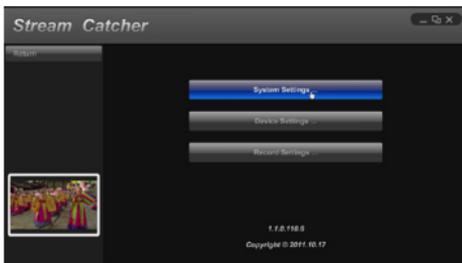
Schedule Recording

The software can be setup to start recording at a specific time and date and occur once or multiple times. Setup the schedule and click the "Add" button to save it. Multiple schedules can be maintained at the same time. To remove a schedule, simply select it from the list, and click the "Delete" button.



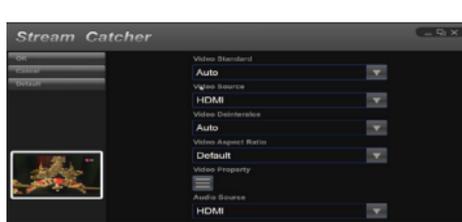
Settings

The Settings menu is broken into different sections for configuring various aspects of the software. **System Settings** contains configuration options for the user interface.



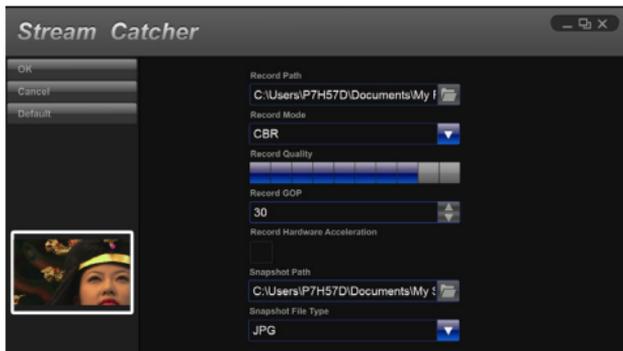
Device Settings

Contains configuration options for the video capture hardware. Video and audio input source (HDMI, component, DVI/VGA), video system (NTSC/PAL), aspect ratio and video properties (sharpness, contrast, saturation, hue, brightness) can all be adjusted from this menu.



Record Settings

Contains settings related to video recording and snapshots. The location to save recorded video files as well as recording quality can be configured. The location to save the snapshot images and file format (JPG, BMP) are also set here.



Specifications

Host Interface	ExpressCard
Form Factor	ExpressCard/34 (34mm)
Chipset ID	MStar MST3367CMK-LF-170
External Connectors	1 x HDMI type A female
Audio Support	Yes (Stereo)
Video Systems	NTSC-M, PAL-B/M/60
Video Encoding	H.264, MPEG-4
Supported Resolutions	TV: 480i/p, 576i/p, 720p, 1080i/p PC: 800 x 600, 1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080
HDCP Compliant	No
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)
Dimensions (LxWxH)	75.0mm x 34.0mm x 5.5mm
Weight	30g
Compatible Operating Systems	Microsoft® Windows® XP/Vista/ 7 (32/64-bit)

Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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