AVERMEDIA LIVE GAMER PORTABLE

DESCRIPTION

The AVerMedia Live Gamer Portable (LGP) is a video converter which takes an HDMI input, converts it in real time to video in MP4 format and outputs the stream to a computer via USB. Although intended to allow gamers to record game play, Dartfish users can benefit in two ways:

01 The AV feed from a camcorder can be captured by Dartfish, enabling the use of InTheAction and Live Tagging features at a lower cost than the Blackmagic H.264 Pro converter

02 A secondary monitor can be recorded, enabling live capture and tagging of a video playing on a computer screen.

PROS

- Cost (compared with recommended alternatives)
- Video encoded by device – suitable for InTheAction use
- Can be used to capture a video displayed on a secondary monitor
- No power supply needed

CONS

- Video stream not configurable
- Frame rate limited to 30 fps with 1080p input

BUDGET

Approximately USD 150 excluding the price of the camera.

EXAMPLE OF USE CASES

This device is used in any situation where you want to use a tapeless camcorder to provide a live video stream to Dartfish.

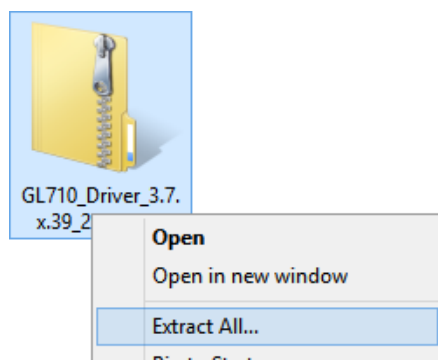## SETTING UP THE AVERMEDIA LGP FOR USE WITH DARTFISH

Driver installation

01 Do not connect the device before installing the driver

02 Go to the manufacturer's website www.avermedia.com/gaming/download/live_gamer_portable#ans_part

03 Download the driver only. The page (illustrated below) lists drivers and the AVerMedia capture application. It is important to download and install the driver ONLY. Also ignore beta versions of the driver. The driver tested by Dartfish is v3.7.64.39 dated 2015-08-11

Download

Date	2016-02-19
Version	[Application & Driver] ✗ Central:v1.3.0.104 (Beta) Driver:v3.7.x.39 (Beta)
OS	Win 7 x86, Win 7 x64, Win 8.1 x86, Win 8.1 x64, Win 10 x86, Win 10 x64

Date	2016-02-19
Version	[Driver] 3.7.x.39 (Beta) ✗
OS	Win 7 x86, Win 7 x64, Win 8.1 x86, Win 8.1 x64, Win 10 x86, Win 10 x64

Date	2015-08-11
Version	[Driver] v3.7.x.39 ✔
OS	Win 7 x86, Win 7 x64, Win 8.1 x86, Win 8.1 x64, Win 10 x86, Win 10 x64
Description	Windows 10 Support.
Downloads	

04   The downloaded file is a zip file. Right click on this file and select the **Extract All…** option from the menu (may vary according to the Zip software installed on your computer).

05   The extracted folder contains a folder named **Drivers**. Open this and double-click the driver file corresponding to your operating system.
Be careful to select a file containing 'x64' if you have a 64 bit version of Windows and 'x86' if you have Windows 32 bit.

The driver installs

Device set up (record from camcorder)

01   Connect the USB cable from the AVerMedia LGP to your computer

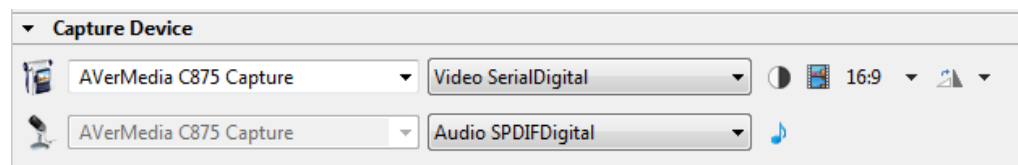02   Ensure the switch on the side of the LGP is set to PC Capture

03   Connect the HDMI cable from the camcorder's HDMI output to the AVerMedia LGP HDMI IN

Dartfish setup

Dartfish needs to be configured in no way other than to select the capture device in your chosen live recording tool; Video Recorder, Live Tagging or InTheAction.

Select **AVerMedia C875 Capture** and **Video Serial Digital** for video settings and **Audio SPDIFDigital** for audio settings. Other audio settings will not have sound.

Note that although there are configuration buttons displayed, changing any of the settings will have no effect on the input received or the video recorded.

Device setup (to record a video playing on a PC)

The following connections are relevant for the scenario where a video playing in a browser is to be recorded. The ability to do this is valuable if, for example, you wish to live record or live tag a game being streamed via the internet

01 Connect laptop, LGP and monitor as shown above
02 Press the Windows key ⊞ + P
03 Change the **Project** option to 'Extend'
04 Move the browser (or other video application) to the external monitor. This is done by dragging its title bar across the screen of the first monitor until it appears on the second.
05 Set the video player to full screen view.
06 Open Dartfish on the laptop screen
07 Set the audio output from the laptop to use the LGP (otherwise no sound will be recorded)
08 Configure Dartfish Software as described above

NOTE: As Windows will recognise the LPG as a display device, it is possible to extend the display to it and omit the use of the secondary monitor. However, it becomes tricky to move the video player onto the extended display. Dartfish therefore cannot offer support for this setup.