

WI 039- Upgrading software version 30.34 onwards	Date 05/07/13	Issue- 4	Author- Chris Walkley
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Software is available via www.aberlink.com/downloads/

Software will be downloaded as a zip file containing the following, below is the upgrade.exe (version below is just example and not actual version of current release)

NAME	DATE MODIFIED	TYPE	SIZE
DevaCMM 631	07/01/2013 09:32	File folder	
3034(Build10).txt	20/12/2012 15:22	Text Document	1 KB
General Guide to Installing Aberlink3D.pdf	03/12/2012 16:45	Adobe Acrobat D...	131 KB
Upgrade-3034(Build10).exe	20/12/2012 15:00	Application	6,357 KB

Three components need to be understood:-

Updating the Aberlink 3D software version

Updating the deva device drivers

Updating the interface between Aberlink 3D and Deva (known as devacmm.ocx)

Aberlink upgrade

Upgrading Aberlink is straightforward, double click on the upgrade-3037(build11).exe then follow the prompts. If installing for the first time then run setup.exe, it will not cause any problems if you run setup.exe followed by upgrade.exe

Upgrading deva device drivers.

Expand the devacmm 681 folder to show below screen.

Name	Date modified	Type
Deva022	07/01/2013 09:32	File folder
Deva026	07/01/2013 09:32	File folder
Deva028	07/01/2013 09:32	File folder
Deva030	07/01/2013 09:32	File folder
Deva031	07/01/2013 09:32	File folder
DevaCMM	07/01/2013 09:32	File folder

It is necessary to update the deva device drivers via the **device manager**. This is to ensure files are placed in the correct directory when using 64 bit systems.

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Deva devices may include :-

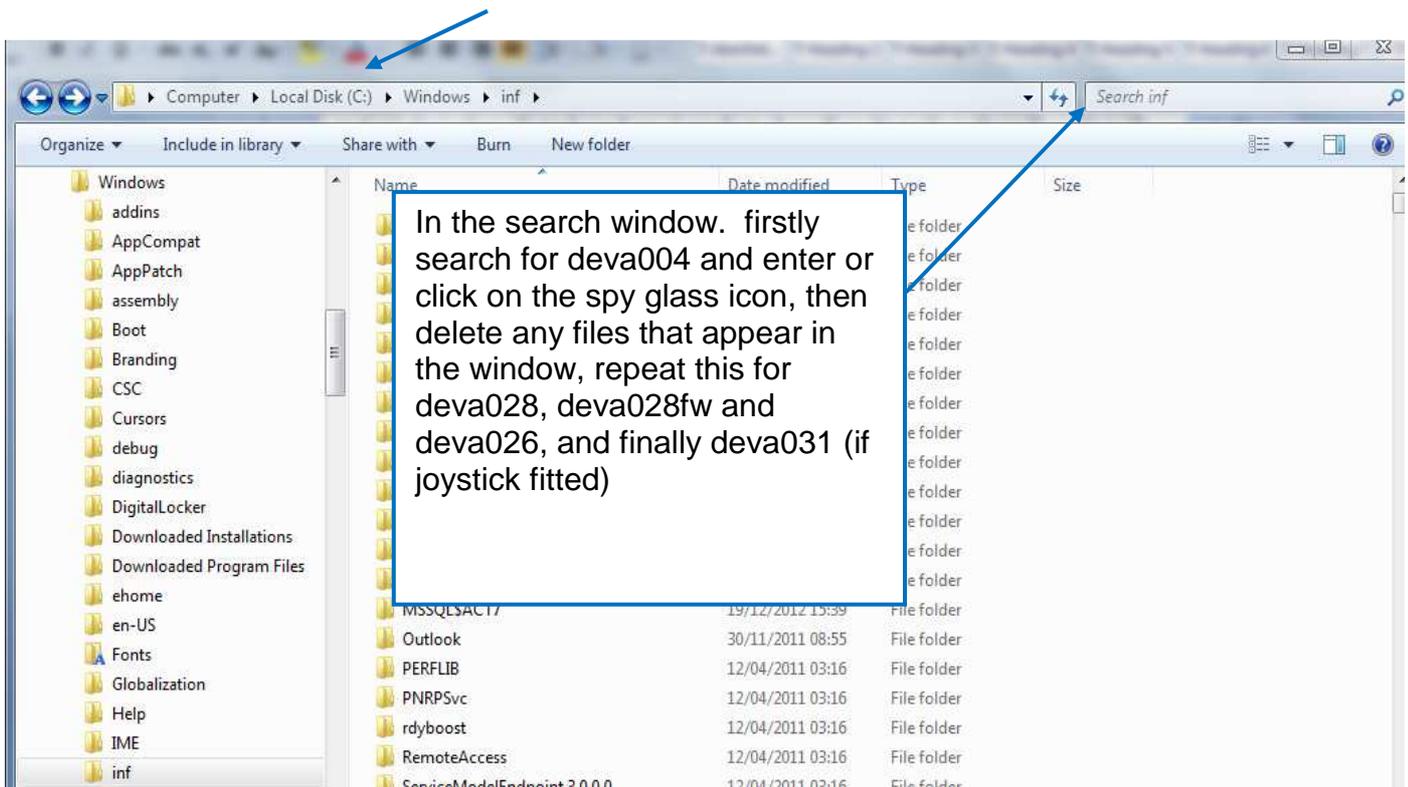
- Deva004 card (the motion control card, also known as devacmm)
- Deva022 – USB-(64 LED ring light)
- Deva026 – USB-(16 LED ring light)
- Deva028 – USB-(Camera)
- Deva031 – USB-(Touch screen joystick)

If updating camera drivers, make sure the camera is attached, otherwise the device will not be shown in USB devices, therefore you are unable to update driver.

Problems within device manager?... sometimes windows will say latest driver is already loaded and compatible, but what does windows know! You can either use the let me pick option or follow the procedure below, which erases the .inf window which windows finds.

Devacmm.ocx is included within the deva driver update.

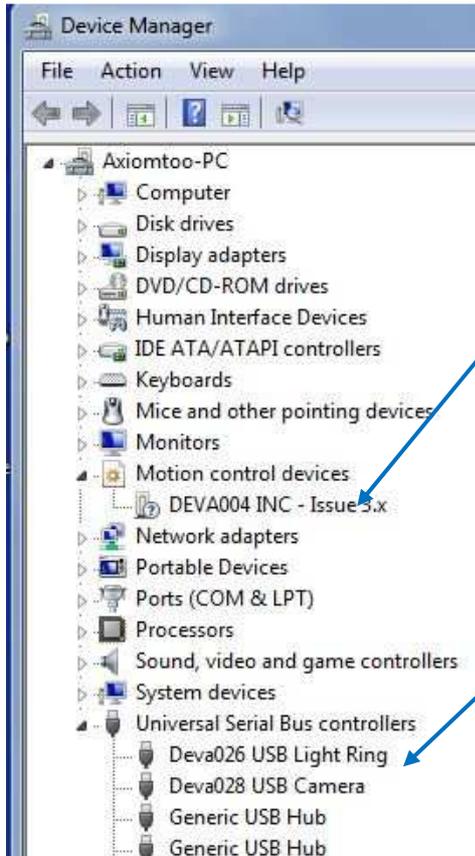
Navigate to c://windows/inf directory....



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Right click on the 'My Computer' icon on the desktop, choose properties, then select 'Device Manger'

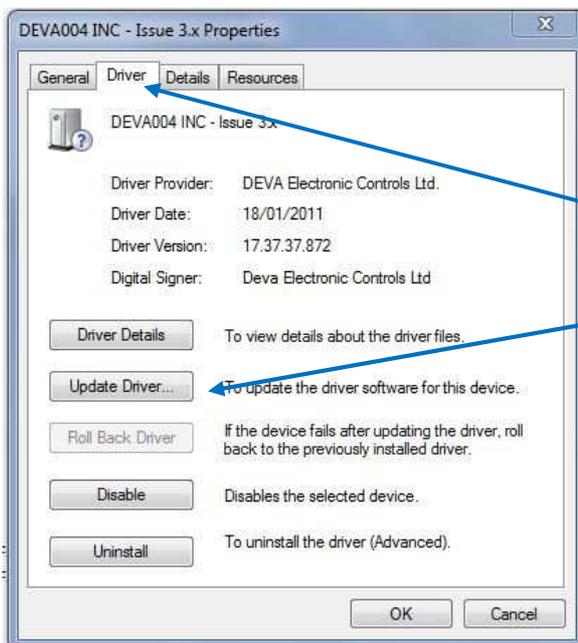


Deva004, drivers for this device are in the devacmm folder.

Right click here and select the driver tab, then click on update driver. When prompted, manually search for driver and select the devacmm folder (use the let me pick to ensure the driver you want is loaded, then OK, driver will upgrade.

Repeat process if you have camera fitted by upgrading these drivers, camera will be deva028 folder, light ring deva026 folder. Camera must be attached to view these devices.

Not listed here is the deva031 joystick, if necessary update driver in the same way.



Select Driver tab, then click on Update Driver...

Finally, and this is very important – **SHUT DOWN** the computer, not restart.