

Datapath x4

Release History

For the most up to date version of the drivers visit our [web site](#).

Version 3.2.3 - 17th December 2014

- Updated dgc147.fware to v303 which fixes a bug that results in an incorrect output video mode being applied when genlocking the input to the outputs.

Version 3.2.2 - 9th December 2014

- Fixed bug that prevented detection of X4 devices in pre-flash state when run from the command line.

Version 3.2.1 - 18th November 2014

- Fixed bug that prevented reading the current DVI boost setting.

Version 3.2.0 - 29th October 2014

- Removed Wall Designer application from the x4 installer (Wall Designer now has its own installer).
- Improved Flash147 command line usage, adding option to target specific device by serial number.
- Improved reliability of mode detection logic. Firmware version updated to v301, flash version remains at v17.
- Please note that to take full advantage of these improvements, you must follow the procedure in [this](#) document to upgrade your unit's firmware.

Version 3.1.1 - 9th October 2014

- Added missing flash files to Upgrades directory.

Version 3.1.0 - 29th September 2014

- Added Wall Designer application v1.0.0.
- Made "video" default scaling type to reflect most common usage of the unit.
- Improved stability of the USB drivers.
- Added functionality to turn off output video generation whilst the input is in a no signal state.
- Windows® 8, Windows® 8.1, Windows® 8.1 Update support.
- Updated installer to reflect newly supported operating systems.
- Fixed cosmetic text issues at startup in the application.
- Inhibit firmware from continuing to flash x4 front panel lights when windows shuts down.
- Please note that to take full advantage of these improvements, you must follow the procedure in [this](#) document to upgrade your unit's firmware.

Version 2.0.14 - 18th December 2012

- Fixed crash when host computer goes to sleep with X4 connected.
- Fixed command line arguments so that they don't cause a crash in the splitter application.

Version 2.0.13 - 06th December 2012

- Fixes a bug with loading and saving VQS files and test pattern generation.

Version 2.0.12 - 01th November 2012

- Fixed bug when handling Datapath x4 units programmed with old software.
- Fixed "Open Device" menu command so that multiple Datapath x4 units can be used without needing to close the application each time a new device is opened.

- Fixed application open error on 64 bit windows 7.
- Test patterns on the Datapath x4's outputs have been added, these are selectable from the control application's output "Modify" dialog box.
- Please note that to take full advantage of these improvements, you must follow the procedure in [this](#) document to upgrade your unit's firmware.
- Added the X4EASY SDK for application development.

Version 2.0.11 - 24th August 2012

- Cropping regions made more accurate.
- All known out-of-bounds cropping region conditions have been fixed so that the integrity of the image in the cropped area isn't compromised.
- The application now indicates over-bandwidth conditions; a configuration which exceeds the internal bandwidth of the Datapath x4 unit will be flagged up with a red background for controls in the cropping edit dialog, and red text on the main window for the crop area status display.
- Please note that to take full advantage of these improvements, you must follow the procedure in [this](#) document to upgrade your unit's firmware.
- Improved diagnostic output for remote assistance.

Version 2.0.9 - 14th May 2012

- Support for new 1U rackmount Datapath x4 - Output Framelock functionality enabled from the front-panel push button.

Version 2.0.7 - 09th January 2012

- **For correct operation, this version of the Driver and application requires that you upgrade the firmware and flash in the Datapath x4 to versions 20a and 21 respectively.** The files to perform this upgrade can be found in the Upgrades folder in this release package; please follow the instructions in the PDF in the same folder.
- SMPTE mode generation now conforms to standards.
- Output video mode clock jitter reduced.
- Bug fixed with application version number display.
- Output modes with total horizontal pixels above 4096 now enabled; the maximum total horizontal pixels has been raised to 8192.
- Changed colour of indicators in control application from red to green so they don't appear to be error conditions.

Version 2.0.6 - 15th December 2011

- Fixed issue where applications would crash on opening a device.
- Fixed issue where removing power whilst application connected could cause a malfunction on powerup.

Version 2.0.5 - 24th August 2011

- Improved DVI receiver compatibility with some problem sources.
- Improved input mode detection to remove false mode changes.

Version 2.0.4 - 18th August 2011

- Improved dialog box for EDID and output video timings.
- Increased input capture width to 16k pixels.

Version 02.00.03 - 06th April 2011

- Added Command line options **-DeviceNumber**, **-DeviceName**, **-VQS** and **-Exit** where:
-DeviceNumber specifies the Datapath x4 to open by its device number.
-DeviceName specifies the Datapath x4 to open by its USB Name or a previously set Friendly Name.
-VQS specifies the full path of a VQS to load.
-Exit runs the command line then exits without displaying the x4 Control application.

e.g. SPLITTER.EXE -DeviceNumber=1 -VQS=C:\TEST.VQS -Exit

Opens Datapath x4 1, loads the settings from the C:\TEST.VQS file and exits.

e.g. SPLITTER.EXE -DeviceName="Splitter1" -VQS=C:\TEST.VQS -Exit

Opens Datapath x4 named Splitter1, loads the settings from the C:\TEST.VQS file and exits.

Please note that *-DeviceNumber* and *-DeviceName* are mutually exclusive and that *-VQS* must be specified with either *-DeviceNumber* or *-DeviceName*.

Version 02.00.02 - 08th March 2011

- Added scaling optimization selection to improve the quality of video and text sources.

Version 02.00.01 - 22th February 2011

- Improved genlocking.

Version 02.00.00 - 18th February 2011

- Added support for input equalisation on compatible devices.
- Improved stability of application and drivers.

Version 01.01.00 - 19th October 2010

- Full release.

Version 01.00.00 - 29th September 2010

- Initial release.

For technical support contact support@datapath.co.uk

For more information regarding Datapath and Datapath products go to our web site at Datapath Ltd..