

**HardingFPA HD
Version 3.0.0
QuickStart Guide**

Before continuing, note that the HardingFPA HD locks itself to the current machine, but can be moved once per week.

This guide details the basic steps required to install and start running the HardingFPA HD. This is a tape-based HD Analysis system running newer (Version 3.0) analysis algorithms. It also features an optional file-based plug-in for analysing movie files (Please contact CRS if you require this but do not have it enabled).

The HardingFPA HD includes many new features inherited from the HardingFPA-X line of products, including *Advanced Information* and *Frame Masks* for detailing the failing areas of frames.

Installation

To reduce the risk of dropped frames during capture (which causes the analysis to abort), it is recommended that the main hard disk drive in the computer is defragmented and Scheduled Defragmentation is disabled before running the software, as disk buffering and results saving creates significant disk activity.

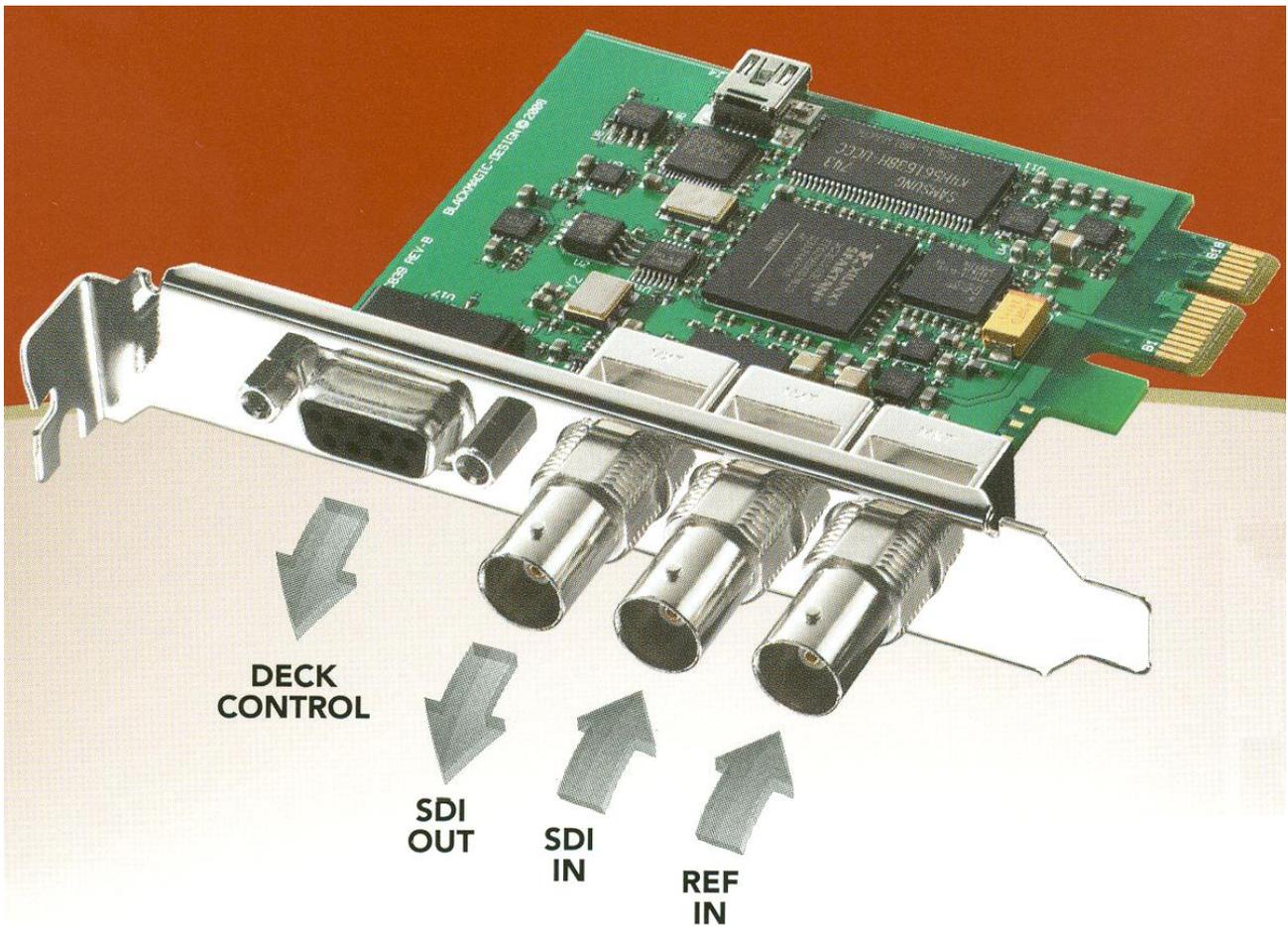
If running the software under Windows 7, it is recommended that the following services are disabled on the computer in order to reduce the risk of dropped frames due to unnecessary disk activity:

Windows Search Indexing Service

Volume Shadow Copy Service (VSS)

SPP Notification Service

1. Install QuickTime from Apple (<http://www.apple.com/quicktime/>).
2. Install the Decklink SDI capture card into the computer. Note the connections on the card are as shown below:



3. Install the capture card drivers, which can be found in the DeckLink_Windows_7.5 folder:



4. This may ask you to install unsigned drivers, in which case, click on “Continue Anyway” each time. The computer will also need to be restarted in order for the driver installation to complete. If you are upgrading from previous versions of the Decklink drivers, you will need to uninstall the old ones and restart first.
5. Run the HardingFPA HD installer file, which includes all drivers and runtime environments required (with the exception of codecs, QuickTime and capture card drivers):



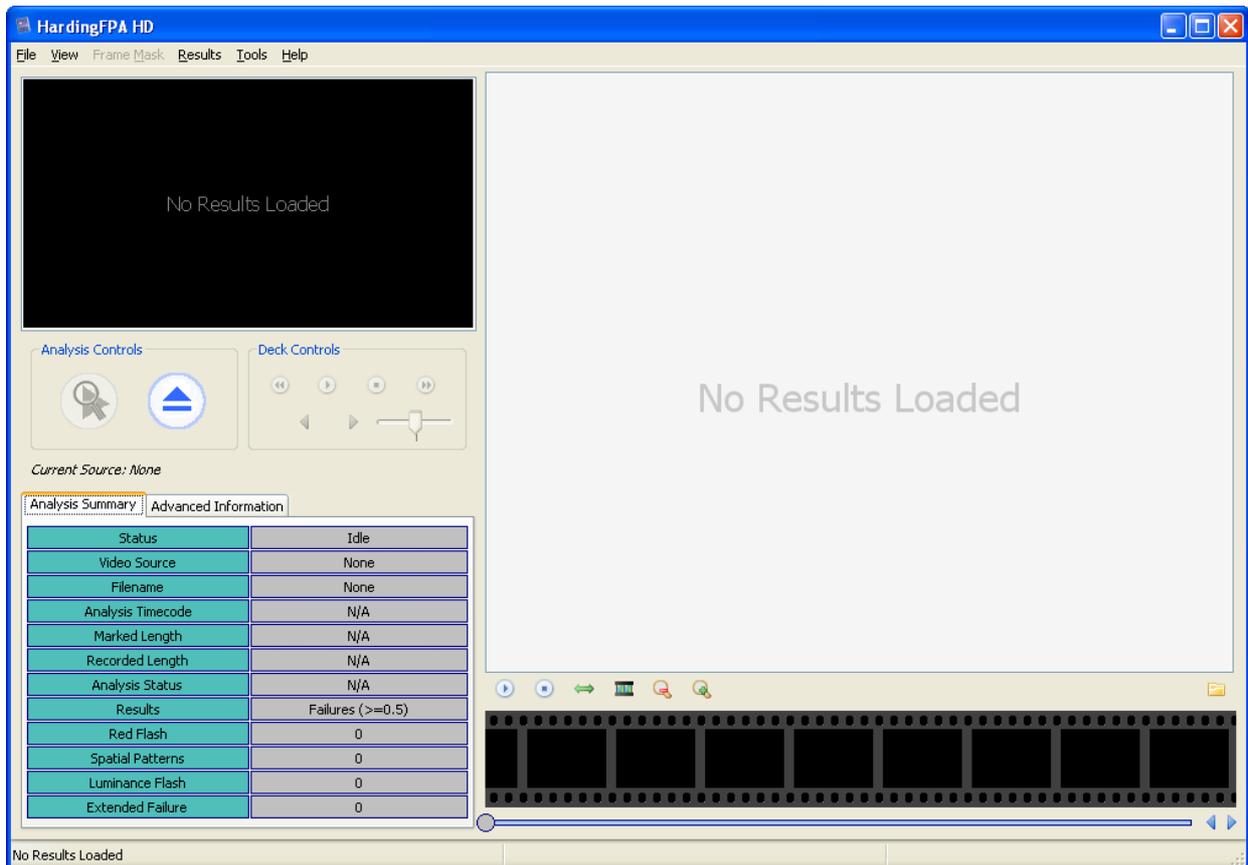
HardingFPA HD 3.0.0
Setup.exe

6. The software will appear under All Programs → HardingFPA → HardingFPA HD.



7. The HardingFPA HD locks itself to the current machine, but can be moved once per week.

8. The main screen appears as follows:



9. To open a source (Tape Feed or Movie File (if licensed), click the “Open Source” button:



10. On the following screen select the source and enter the clip details, or choose a movie file:

The screenshot shows a 'Select Source' dialog box. The 'Analysis Standard' dropdown is set to 'Ofcom (ITU)'. The 'Material Description' section contains four empty text boxes for 'Title:', 'Subtitle:', 'Extra:', and 'Tape Number:'. The 'DeckLink HD Extreme 3' tab is active, and within it, the 'Movie File' sub-tab is selected. Under 'Movie File', the 'Device Input' dropdown is set to 'SDI', the 'Video Format' dropdown is set to 'HD1080I50', and the 'Time Code Source' section has the 'RP188' radio button selected. 'Cancel' and 'OK' buttons are at the bottom right.

11. Once the source is opened, click the Analyse button to analyse:



12. To save or view the Harding Certificate click File → Save Harding Certificate.