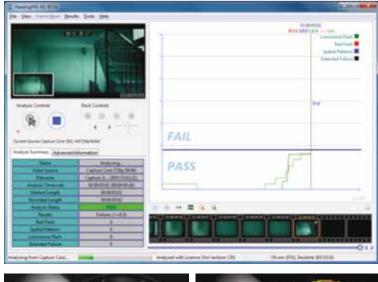
HardingFPA-HD



The HardingFPA-HD Video Flash and Pattern Analyser

Analysing Video Images Helps Prevent Photosensitive Epilepsy

The HardingFPA-HD is part of a family of applications designed to provide compliance checking against UK-OfCom/ITU Guidelines on Flashing and Spatial Patterns in Broadcast Video. The HardingFPA-HD can also be used to fulfil both of the DPP (Digital Production Partnership) tape and file based delivery specifications. Based on a host PC, the HardingFPA-HD is a stand-alone application for analysing HD/SD-SDI video feeds and optionally HD/SD video files. The HardingFPA-HD includes all the features of the original HardingFPA.





All the features of the HardingFPA SD V2.54b analyser PLUS:

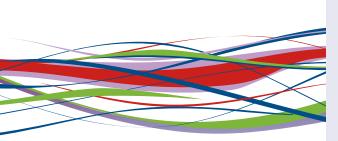
- Real time HD/SD analysis. Options for SDI, HDMI, Component, Composite and S-Video signal feeds. Also provides RS422 control of VTR.
- New HD/SD specific algorithm for improved handling of formats and codecs with "Legacy" SD mode for backwards compatibility with HardingFPA V2.54b.
- Optional analysis of video files including support for OP1A and OPATOM wrapped .MXF, QuickTime, MOV files and, under Windows, AVI files.
- Frame masking feature highlights problem areas within individual frames. (See left)
- Additional information display provides frame-to-frame changes in key measurements.
- Support for 16:9, 14:9, FHA, and 4:3 aspect ratios.
- Support for VITC, VANC (RP188) and serial and audio LTC time codes.
- Push button controls to replay and/or loop problem sequences.
- Ability to create partial result sets for easier emailing to remote users.

Help ensure video is safe to watch for both diagnosed and dormant photosensitive epileptics



Hardware Requirements:

- For SD-only analysis the HardingFPA-HD system will require as a minimum a PC host fitted with an Intel Core 2 Duo processor.
- Real-time analysis of HD signal feeds will require a PC host fitted with a high performance Intel Quad Core processor and fast DDR3 memory.
- The host PC must have at least one PCIe 4 lane full height card slot that can be allocated for a non-graphics application.
- Compatible with Windows XP, Windows 7 and Windows Server 2008 R2.
- Cross platform support for both Mac (OS X 10.6+), Windows 7 and Windows Server 2008 or later versions



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Other Features:

- FREE Viewer for displaying results.
- Supports auto-saving of results files with configurable options to reduce disk storage demands.
- Detects potential subliminal events.
- Integrates with HardingFPA-X file-based analyser to allow the HardingFPA-X's editor support tools to access the HardingFPA-HD's results.

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