flashscan *HD*

Multi format film transfer system

Up grade to fullHD 1080 x 1920

Hardware:

- Film formats: N8, Super8, (9,5 Pathé) optional
- Sprocketless Capstan transport
- Fast Film Winding
- Motor controlled Zoom and Focus
- Digital Stereo Audio processing
- Continuous motion film transport
- Supported playback speed: 100fps (preview), 50fps, 25fps,
- 16,66fps, 12,5fps, 10fps, 8,33fps, 5 fps playback
- High energy flashing LED- array with adjustable colour balance
- Optical Scratch Concealment
- Optional PTR rollers for dust removal (optional)
- Hardware based video processing
- Adjustable horizontal framing
- Adjustable perforation diaphragm
- HD 3-chip broadcast camera with native 720p50 resolution
- New: Full HD sensor with native 1920/1080 resolution
- also retrofitable!

Optional:

- Picture formats: optically adjustable from 16:9 to 4:3 ratio
- Laser supported splice and picture steadiness correction
- Video output: HD-SDI with embedded audio, BNC
- Audio output: AES/EBU
- Sync: Bi-Level-, Tri-Level- Input, Bi-phase Output
- Programmable GPIO´s
- Wow and Flutter weighted on DIN 45 507 (IEC 386): less than 0,08%
- Operation by software based USB remote

Software flashSuite2

- Image preview / post-processing preview
- Film optimized image processing
- Mirroring
- Primary color correction (Black / Gamma / Light)
- Negative / black & white
- Saturation
- Sharpening filter
- Anamorphic correction
- Cropping, masking, resizing
- Automatic sensor calibration
- SDI image output (SD, HD, 2K)
- Luminance and RGB histogram
- Waveform monitor and vector scope with line selector
- Focus finder / autofocus
- Audio equalizer and routing
- Support for AVID® Artist Color control surface
- Compressed and uncompressed file formats:
- YUV422 8/10 bit [1,2], DPX RGB 10/12 [3] bit, TIFF [3],MJPEG 8 bit [1,2]
- ProRess as option
- New software option:
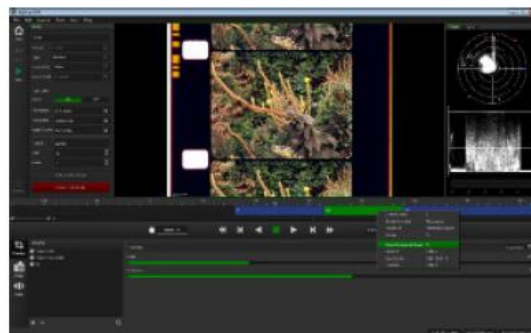 Automatic scene detection, ROI picture stabilisation,
  Turbo mode, FPN correction

technical changes reserved

[1]:AVI containers on Windows
[2]:Embedded Audio
[3]:Separate WAV File

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