

# Flashscan HD



## Feature List

### Hardware:

- Film formats: N8, S8 (9,5 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, 5fps
- High energy flashing LED- array with adjustable colour
- Optical Scratch Concealment
- PTR rollers for dust removal optional
- Hardware based video processing
- Adjustable horizontal framing
- Adjustable perforation diaphragm
- Film deck illumination
- HD 3-chip broadcast camera
- Picture formats: optically adjustable from 16:9 to 4:3
- Laser splice and picture steadiness correction
- Video outputs: switchable to SD 576i, HD 720p and HD 1080i with embedded audio, BNC
- Option: 2<sup>nd</sup> Scaler for simultaneous SD/HD output
- Audio outputs: AES/EBU
- Sync: Bi-Level-, Tri- Level- Input, Bi-phase Out
- Programmable GPIO's
- Wide range power supply
- Wow and Flutter weighted on DIN 45 507 (IEC 386): <0,08%
- Software based operation via USB

### Software:

- Controls the signal processing on dedicated hardware
- Primary colour correction (Black, Gamma, Gain)
- Six vector secondary colour correction
- Support for JL Cooper panel, MWA flashremote USB, Tangent Devices "Wave"
- Programmable event notification (Tally, Message box, Beep, Text Overlay, GPIO)
- Settings memories
- Settings automation by Cue points
- Histogram
- Automatic white balance
- Automatic colour balance
- Picture enhancement functions (Knee, Detail, Limiter...)
- Transport control: Wind, Shuttle, Play and Cue
- Colour bars
- Frame counter
- B&W scanning
- Blanking and Aspect Ratio Conversion
- Audio control: Balance, Volume, Channel routing

