

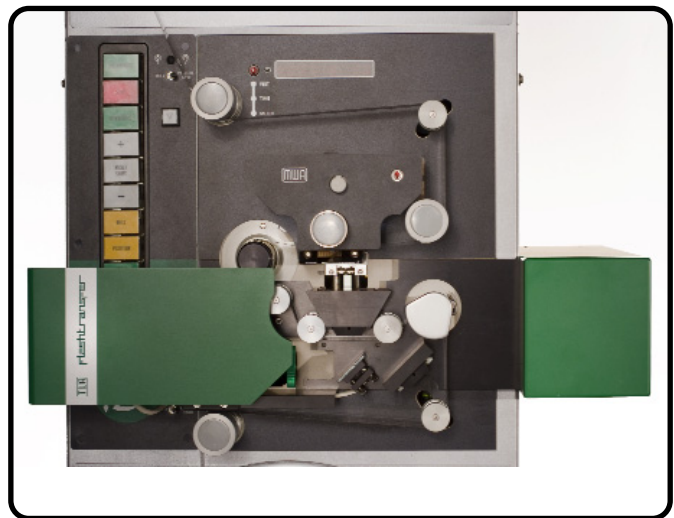
FlashTransfer

SD Telecine for 16 mm or 35 mm

Low cost high quality SD transfer system for 16mm or 35mm film with integrated color correction



- Frame CCD image sensors
- High speed image and sound track quality
Control functionality - stable picture up to 250 fps
- LED array light source
- Light color adjustable
- Optical sound heads for white halogen, red LED, and SR*D
- Magnetic audio heads tracks optional
- High precision transport system
- Variable play speed 5-25 fps
- Bi Phase output and Genlock input for synchronisation
- RS422 and IEEE1394 machine control
- Integrated scratch reduction system
- Two integrated color corrections
- Negligible running costs!



FlashTransfer Main Specifications

Film Format:	16mm or 35mm
Audio Format:	Optical Sound standards white and high Magenta/Cyan - Dolby SRD Optional
Resolution:	1/2" 3 CCD, 14-Bit DSP, 800 TV Lines, 752 x 582 PAL
Video Format:	625/50 Hz, 525/59.94 Hz optional
Video Outputs:	DV/DV CAM on IEEE-1394 6-pin interface SDI 10Bit(with embedded audio) (270 Mb/s), BNC Analog component signal: Y 1.0 Vpp, B-Y/ R-Y 0.7 Vpp, 75-ohm, SMPTE/EBU, BNC S-video signal: Y 1.0 Vpp, C 0.43 Vpp, 75-ohm (4-pin mini-DIN) CVBS signal: 1.0 Vpp, 75-ohm, BNC
Sync Signal:	Genlock video sync signal 0.3 Vpp, 75-ohm, BNC Biphase square wave signal
Audio Outputs:	Unbalanced Stereo, balanced Stereo, AES/EBU, und DV/SDI embedded Audio
Digital Colour Correction:	RGB Matching, Black and Gamma in the camera, variable light color
Light Source:	High power RGB light engine (4 arrays configured with 39 cavities) each cavity contains multiple red, green and blue Led deliver for optimal color uniformity.
Drive control system:	Microcontroller Sync and Motion Control; play, stop, shuttle, search via remote control, go to counter "0", RS422 and IEEE1394 machine control
Film speed:	5 fps to 25 fps play mode, shuttle forward and rewind up to 250 fps (16mm:600fps) with visible picture
Run up time:	< 2,5s
Framing adjustment:	Vertical electronically
Focus control:	Optical

