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flashscan

Digital Filmscanner - Super 8 and N8, (optional 9,5mm)

The flashscan8 is a new type of digital film scanner for super 8 and 8mm film stock.
Designed to meet today's requirements for image quality, stability and reliability. The flashscan8 is designed around a high precision servo system with non intermittent film transport. The optical system is based on a high energy multi-colour LED array which delivers a stable long life light source and exposes the film image to a high quality 3CCD camera head. The signal processing allows black, white and gamma correction, as well as negative scanning.
An Audio head is featured, together with a Bi-Phase output for synchronisation.

Features

- Frame CCD image sensors
- LED array light source
- Light color adjustable
- Sound head
- High precision transport system
- Variable speed 3-25 fps
- Bi Phase output for synchronisation
- Modular design
- Firewire output / IEEE-1394
- Audio equalisation
- integrated scratch reduction system
- two integrated color corrections
- Remote control unit
- 19" Rack Desktop Model
- Negligible running costs!
- Dedicated 9,5 mm model also available

flashscan Main Specifications

Film Format:	Super 8, N8, separate Pathe 9.5 mm model also available
Audio Format:	ComMag, two channels (stereo)
Resolution:	3CCDs, horizontal 800 TV lines, Pixel 795H x 596V PAL, 811H x 508 V NTSC
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
Audio Outputs:	unbalanced Stereo, balanced Stereo, AES/EBU, DV/SDI embedded Audio
Digital Colour Correction:	RGB Matching, Black and Gamma in the camera, variable light color
Light Source:	High intensity red, green and blue LEDs, diffuse illumination, light shading < 3%
Drive control system:	Continuous film motion, microstepping motor
Film speed:	3 fps to 25 fps with 0.5 fps increments Wow and Flutter weighted on DIN 45 507 (IEC 386): < 0.08%
Run up time:	16 frames, time depending on frame rate
Framing adjustment:	vertical - electronically, horizontal - mechanically
Focus control:	optical
Film capacity:	480m/1540 feet
Power requirement:	230V/50Hz, 110V/60Hz
Power consumption:	< 100W
Size:	12HE 19" desk rack
Weight:	approximately 40kg

flashremote

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