

flashSCAN8

Digital Film Scanner - Super 8, (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.

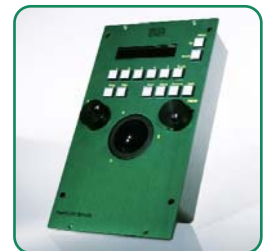


Features

- Frame CCD image sensors
- LED array light source
- Additive light control
- Sound head
- High precision transport system
- Variable speed 3-25 fps
- Bi Phase output for synchronisation
- Modular design
- Firewire output
- integrated scratch reduction system
- integrated colour correction
- Available as 19" Rack Module or Desktop Model
- Negligible running costs!

flashSCAN8 Main Specifications

Film Format:	Super 8, N8, optional Pathe 9.5 mm
Audio Format:	ComMag, two channels (stereo)
Resolution:	3CCDs, horizontal 800 TV lines, Pixel 795H x 596V PAL, 811H x 508V NTSC
Video Format:	625/50 Hz, 525/59.94 Hz optional
Video Outputs:	Composite, YUY, SDI on BNC, YC on Hosiden, Firewire
Audio Outputs:	Electronically balanced and frequency equalised on XLR, electronically balanced with flat frequency response on phone jacks, unbalanced and equalised on RCA
Digital Colour Correction:	RGB Matching, Black and Gamma in the camera, variable light colour
Light Source:	High intensity white, red, green and blue LEDs, diffuse illumination, light shading < 3%
Drive control system:	Continuous film motion, stepper 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:	Manual
Film capacity:	480m/1540 feet
Power requirement:	230V/50Hz, 110V/60Hz
Power consumption:	< 100W
Operating temperature:	15°C - 35°C
Size:	12HE 19" desk rack
Weight:	approximately 40kg



flashSCAN8 Remote