

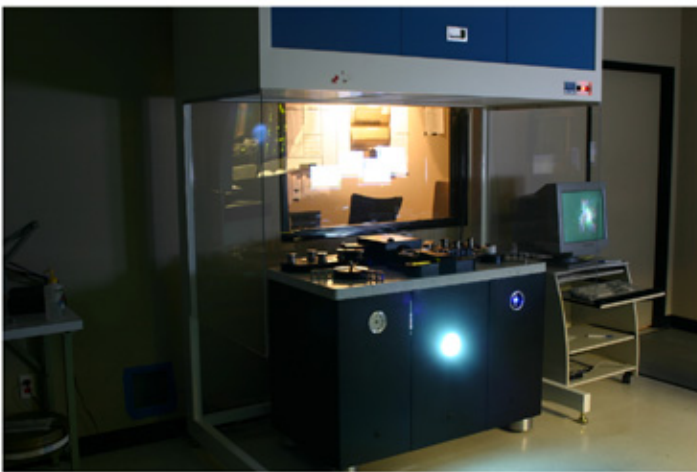
#### Overview

Northlight is a high-quality pin registered digital film mastering scanner. Unlike telecine based machines that have been adapted for scanning, Northlight was engineered specifically for the exceptional demands of digital film mastering, providing image quality surpassing that of traditional pin registered film scanners used in special effects post production.

Designed with the philosophy that quality in film digitisation goes beyond resolution power alone, Northlight incorporates image stability, speed, low noise and intelligent illumination into an ergonomic high-productivity scanner that integrates easily into post production workflow. Supporting 35mm, 65mm and 16mm formats, Northlight has been designed for the digital mastering of entire feature films, for current release and for back catalogue preservation.

#### Specifications

- \* Ultra low noise linear motor scan action
- \* Revolutionary pin registered projector design with fast spooling
- \* Easy to load, safe transport with push button re-racking
- \* Unique projector action allowing all current film formats
- \* 16mm, Super 16, 2/3/4/8 perf 35mm 5/8/10/15 perf 65mm
- \* Stable 700W metal halide diffuse illumination system (patent pending)
- \* Latest generation 8k tri-linear CCD sensor
- \* 8k x 6k, 5.5k x 4k, 4k x 3k at 15 perf /65mm
- \* 6k x 4.5k, 4k x 3k, 3k x 2k, 2k x 1.5k at 4 perf/35mm
- \* 2.5k x 1.8k, 1.7k x 1.1k at standard 16mm
- \* 3k x 1.8k, 2k x 1.1k for Super 16mm
- \* 4k 35mm 4.7 sec per frame, 2k 35mm 2.6 sec per frame
- \* Academy/scope/full-gate/user-defined crops as required
- \* Full resolution over sampling at all output resolutions
- \* Full pin registration with pin blocks for neg and ip
- \* Fully indexed for scanning frame accurate to EDLs
- \* 1250' 65mm and 2000' 35mm capacity
- \* Automatic generation of high quality proxy images
- \* Outputs 10 bit log DPX/Cineon files to standard filesystem
- \* Designed to allow unattended roll end to end operation
- \* Optional keycode reader
- \* Optional 16/35mm dual gauge projector
- \* SGI or Linux host



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