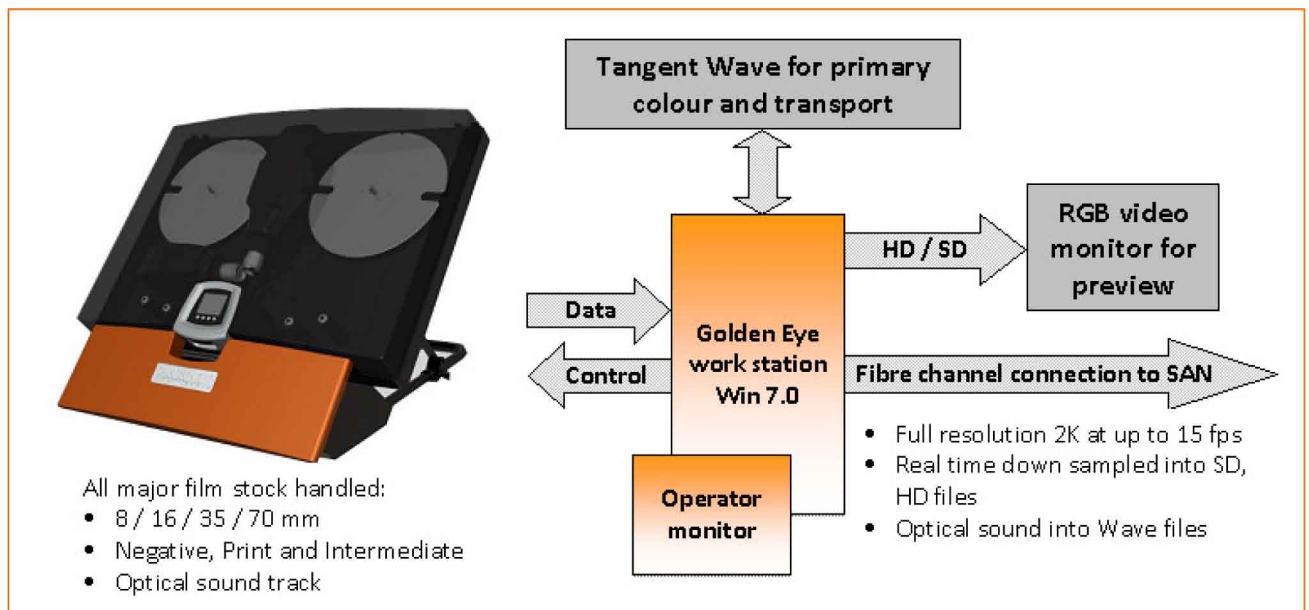


# Golden Eye Archiver

## Telecine and Film Scanner Combined in One Machine

GOLDEN EYE Archiver is a high speed and high-resolution film scanner for motion picture film. 16 / 35 / 70 as well as 8mm is scanned in up to real time speed. Output formats are Quicktime, AVI, DPX and many others.



The unique film transport, using capstan drive and optical registration, is optimized for gentle handling of old fragile film from the archives. 8 mm, 16 mm, 35 mm or 70 mm film can be scanned in up to real time speed into SD, HD or full 2K resolutions, directly available as DPX sequences.

Primary colour grading is performed by using the External Panel Tangent Device or via the RGB-Waveform in the Golden Eye Control Software. Film base adjustment is available for generic Negative, Print and Intermediate. HD-SDI output is included in the Golden Eye Archiver for preview.

The Golden Eye Archiver is based on the Golden Eye base platform. A sample of available options are:

- Advanced colour management including multiple film bases and automatic Dmin/Dmax setting.
- Golden Eye III platform including new layout and quick-change optics.
- Sound decoding of optical sound track as well as Keycode reader
- Multiple file output formats like Quicktime, TIFF and AVI.
- Batch recording, including EDL handling.

## Technical Specification – Golden Eye Archiver

### Applications

- Real time scanning into digital dailies or WEB/DVD distribution
- Restoration of old shrunken film in SD, HD or 2k resolution
- Primary colour grading using External panel and HD / SDI output for preview

### Sensor

- 2K (4k is available as option)
- 2K sensor pixel size 14x14 µm
- 4K sensor pixel size 10x10 µm
- True RGB: One sensor per colour
- Bit depth: 12 bits per colour

### Speeds

- Up to 15 fps in full 2K resolution
- Up to 4 fps in full 4K resolution
- Real time scanning in automatic down sampling mode
- Overview speed up to 65 fps
- Winding speed up to 4 m/s (200 fps)

### Film Types

- Colour Print and Negative
- B/W Print and Negative
- Intermediate

### Mechanics

- Golden Eye base platform
- HD / SDI output for preview
- Transport control and colour grading from external panel: Tangent Wave
- Maximum Reel size 2000 feet
- Gentle film transport with continuous movement
- Gate options: Non-contact gate or Full-support gate for old warped film
- Scanner dimensions (mm):  
1000 x 800 x 400

### Optical Registration

- Image registration and synchronization performed in software

### Available Film Formats

- 8 mm (Regular and Super)
- 16 mm (Regular and Super)
- 35 mm (Academy and Super)
- 70 mm
- Other film formats available on request

### Acquisitions

- Free format or fixed scan ratios (4:3) (16:9)
- Windowed acquisition
- Image rotation, flip and mirroring

### Colour Management

- Automatic exposure control
- Film base correction
- Colour setting via RGB waveform.

### Advanced Colour Management (Option)

- Automatic Dmin and Dmax calibration
- Multiple film bases
- Additional tools: Vector Scope and Histogram

### Batch Recording (Option)

- Automatic scan from EDL-Clip list
- Punch hole setting from Cache
- Colour grading of each clip from Cache
- Preview from Cache

### Supported File Formats

- DPX (8, 10, 16 bit log or linear)

### Optional File Formats

- Multiple Tiff (optional compression)
- Quicktime: Uncompressed or PC-installed codecs
- MPEG, AVI, WMV and more

### Other Options

- Golden Eye III Platform, including new generation user interface
- Keycode reader
- Optical sound decoding
- Project management
- Advanced splice handling
- File recorder / Converter