

Technical Characteristics

4k Scanner

- 4096 Pixel sensor
- 4k Pixels across active area of 35 mm film
- Scan speed 3 fps on 35 mm film
- Pixel size 6,2 x 6,2 µm
- Scan speed 6 fps on 16 mm film

2k Scanner

- 2048 Pixel sensor
- 2k Pixels across active area of 35 mm film
- Scan speed 12 fps on 16 and 35 mm film
- Pixel size 12,4 x 12,4 µm

Bit Depth

- 12 bits per Color

Speed

- Overview Speed: up to 26 fps on 35 mm film. (65 fps on 16 mm film)
- WIND : 4 m/sec (210 fps on 35 mm and 525 fps on 16 mm)

Reel size

- Max 2000 feet

Mechanical

- Constant motion transport provided by capstan
- Dimensions (mm): 1000 x 800 x 400
- Ergonomic handles for easy transport

Film formats

- 35 mm / 4 perf
- 35 mm / 3 perf
- Vista Vision
- 16 mm
- Super 16 mm

Frame sync

- Image synchronization is performed in software, therefore, Golden Eye can scan any film in 35 mm and 16 mm with no physical changes to the scanner

Control Computer

- Operating system: Windows XP/Vista
- Storage: 1 Terabyte, Raid 0

Acquisition

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

Cut List Operations / Batch recording

- Automatic scan from EDL-Cut list (ALE)
- Key code reader

Image export, supported file formats

- Multiple Tiff (Optional compression)
- DPX (8, 10, 16 bit log or linear)
- Cineon (8 bit log)
- MPEG
- AVI - uncompressed or PC-installed codecs
- WMV
- Quicktime
- Custom formats can be installed upon request

Film Types

- Color Print
- Color Negative
- B/W Print
- B/W Negative
- Intermediate
- Each film type and brand can be color calibrated and saved for future use.

Misc.

- Power 120 or 240 VAC
- Hot swap optics for high resolution 16 mm
- Black and White scanners are also available