



dataMill – the most powerful and flexible film scanner available



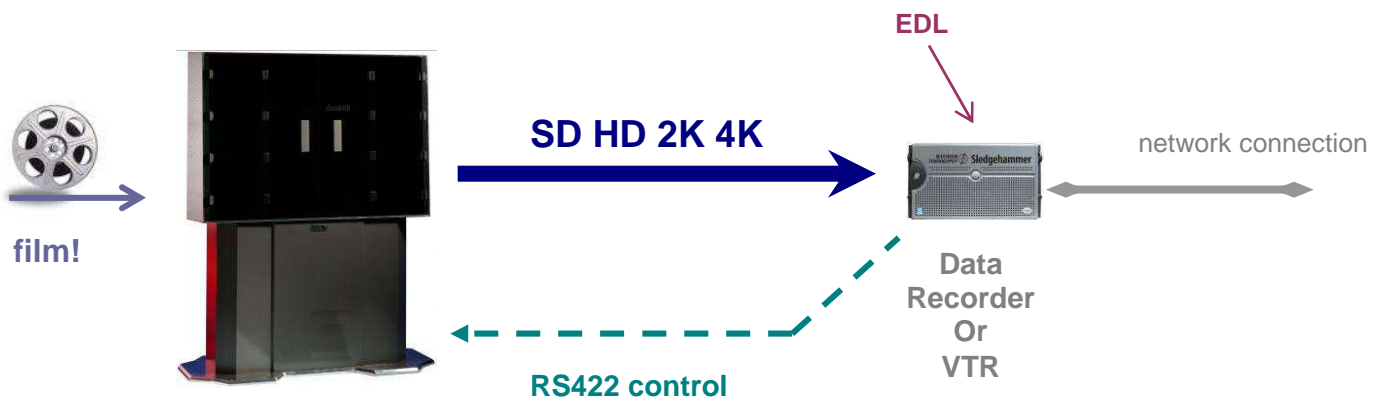
dataMill from Cintel offers unparalleled features and flexibility in a film digitisation device. dataMill offers a solution for ALL film scanning requirements including:

- 2K and 4K Motion Picture Digital Intermediate
- SD and HD Music Videos and Commercials
- Video or Data resolution Archive and Restoration

dataMill can provide automatic Minimum Density (“D-MIN”) calibration of Negative film stock to Cineon specification and output this in 10bit LOG format. dataMill can also be set to output Linear or Video Gamma data with user-adjustable image controls.

dataMill outputs industry standard SDI and HDSDI digital signals and transfers 2K and 4K data via HSDL, the most cost effective data transfer interface available.

The dataMill transport can be uniquely controlled as a VTR via RS422.



dataMill – Film Transfer Engine

▪ Multiple Transfer Standards

SD, HD, 2K and 4K Output

dataMill is uniquely capable of real time video resolution (SD and HD) as well as superfast 2K, and 4K.

This is all achieved without expensive and proprietary interfaces.

SD and HD
up to 30fps

SD
(720 x 576)

HD (1920 x 1080)

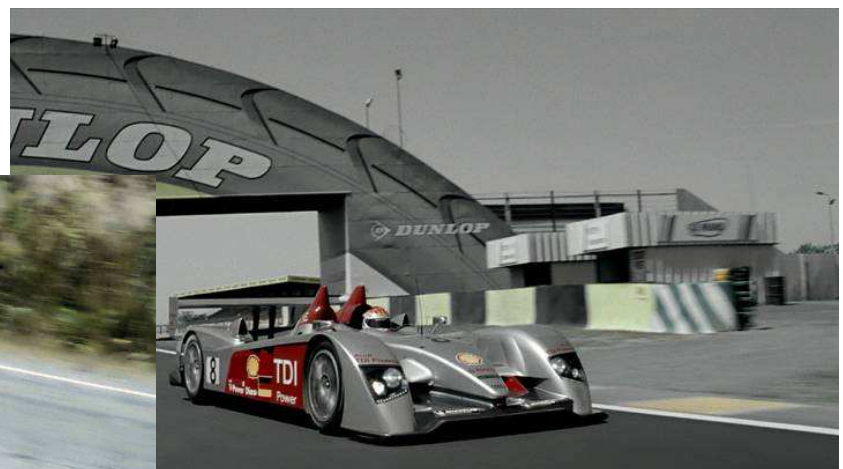
2K @ 15fps

2K (2048 x 1556)

4K @ 5fps

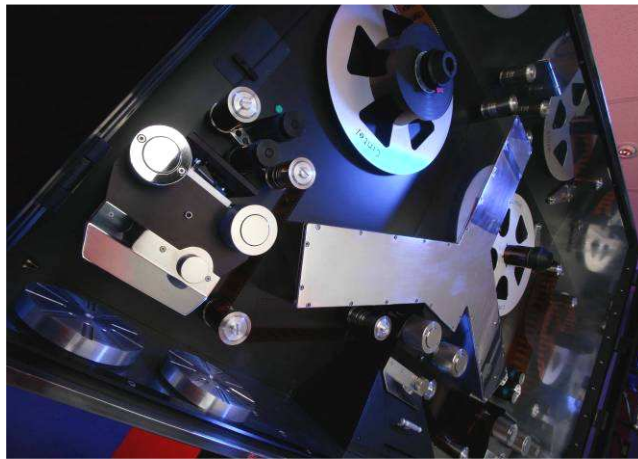
4K (4096 x 3112)

When scanning at any resolution, the 4K CRT, optics and imaging path are utilised resulting in picture quality of the absolute highest standard



HD dataMill images courtesy of Scan Werk, Munich

▪ Advanced Film Transport System



The dataMill transport provides more film gauge options than any other film scanner. The film gates are easily exchanged within seconds.

The dataMill transport with **X-Speed Digital Servo System** provides extremely accurate, yet gentle, film handling and the Y-Front Cell Box provides superior dust and scratch reduction without external processing.

The transport is extremely adaptable to all types of film from pristine Original Camera Negative to shrunken and damaged projection prints.

▪ Multiple Film Gauges

**8mm/S8mm/
MAX8mm**

**16mm/
S16mm**

**35mm/
S35mm**

**65mm/
70mm**



The **X-Speed** Servo System provides near pin-registration image stability, unparalleled in any real-time transfer.

For the absolute ultimate in stability, a unique Pin-Registration Option which fits onto the standard 35/S35mm gate, is also available.



- **Upgradeable and Future proof**



dataMill can be upgraded from the standard 35mm/S35mm 2K and 4K operation to:

- **Real Time SD and HD LOG or LIN Output**
- **8mm/S8mm/MAX8mm Film Gate**
- **16mm/S16mm Film Gate**
- **65mm/70mm Film Gate**
- **16mm and 35mm Optical Audio**
- **16mm Magnetic Audio**
- **Full “data-cine” Operation:**
 - **Primary Colour Correction**
 - **Secondary Colour Correction**
 - **Full Resolution Zoom, Pan and Rotate Scan Effects**

For more information contact sales@cintel.co.uk

