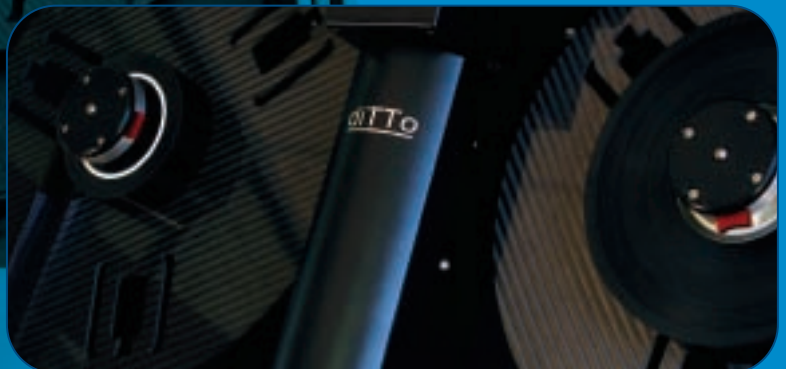# diTTo

2K & 4K data
scanning system

It is in recognition of the diverse needs of the ever changing post production market, that the product range has been extended to ensure these needs continue to be met with diTTo the new, simple, yet powerful film scanner.

diTTo, a Super 2K & 4K data scanning system has been developed specifically for high quality efficient film scanning. The versatility of diTTo means it is suited for all applications from high end DI and special effects through to archiving and restoration.

diTTo uses cutting edge digital film acquisition technology to ensure the highest image quality and repeatability, diTTo utilises a 3 colour light source and solid state low noise detection device to produce high resolution, repeatable results. diTTo incorporates a PC GUI to make the management of the scanning process and the delivery of the image files a straightforward process.

diTTo uses cutting edge technology in a unique, space saving 'desktop' design, making it easy to accommodate at very little extra cost.

Dedicated research and development has not only given diTTo its stunning appearance but also offers ease of operator use that is second to none

Technical Information

Transport System

Angled Transport Deck
Simple film path
Over 2000ft per roll capacity
S35mm/35mm Pin Registration
Negative Film
Positive Film Gate (optional)
3 Perf 35mm Gate (optional)

Light Source

RGB Light Emitting Diode (LED) Illumination
Diffusing Sphere for Dust and Scratch reduction
Extremely low maintenance (approx 100,000 hours Life)
Ultra stable

Scanning System

3K Area Array CCD Camera
Over-sampled "Super" 2K @ 4.5fps
4K output at 3fps
Black and White at 12fps
Auto D-MIN calibration
Keycode Reader (optional)
Dust and Scratch Reduction System (optional)

Data Files and Format

10 Bit calibrated Cineon LOG DPX files
10 Bit calibrated LIN DPX files
Keycode and Timecode embedded in DPX header

Interfaces

GigaBit Ethernet Interface
Fibre Channel Interface
USB 2.0
Other PC interfaces available on request

PC Based Control User Interface

Intuitive and powerful Windows-based Interface
Full transport and scanning control
Data format and path
Clip Management
'Realtime' Image Viewer – Zoom and Pan control
Pixel Picker Analyser
1.2Tbytes Local RAID storage

Dimensions

Width   1087mm
Height   785mm (closed) 1352mm (open)
Depth   820mm
Weight   178kg

Power

Mains supply   90v-265v 47/63Hz auto-sensing
Consumption   2kW Maximum 1kW Nominal

Cintel provides dedicated solutions for the post production and film industries. We have offices in the UK, USA and Hong Kong and a network of agents and distributors in over 30 countries world-wide. All of our products are supported through a global service network which includes telephone hot-line support, remote diagnosis, system updates, technical support and field engineers.
Cintel's diTTo is part of a range of products designed specifically for the film scanning and image manipulation environment.

For more product information, or for an office near you, please contact:

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