

Product features / benefit statement

Cintel diTTo Evolution

→ 2K COLOR DATA TRANSFERS UP TO @5FPS & 4K UP TO 4FPS

diTTo Evolution continues to evolve its range of camera choices ; from NAB 2011 it will carry a faster camera which is both super quiet and also speed adjustable; offering a range of speeds to meet a more diverse market requirement.

→ 2K B/W DATA UP TO 11 FPS & 4K B/W UP TO 7 FPS

The scan performance of the new diTTo Evolution in Black and White mode is optimized to produce near half real time scanning speeds in 2K giving additional profitability for long form projects such as film archival and restoration.

→ PIN AND NON PIN SCANNING OPTION

Distinctively diTTo Evolution has two mechanical modes for scanning; unlike most other scanners diTTo Evolution can be tasked with scanning a range of film material with either full fit PIN insertion or without; this additional choice of NON-PIN archive mode provides an ability to scan film material that can be anything from pristine OCN through to more physically challenging aged materials that are physically damaged and shrunken.

→ D/SCO OPTION

State of the art dust / scratch concealment option. Unlike other scanners this proprietary patented Cintel technology does not rely on Infra Red light making it uniquely suited for aged black and white material or any Color film stocks. D/SCO is fully automatic but can be optimized for specific types of damage ranging from deep scratches, finger prints, scrub marks, water marks and typical cinch marks. The process can be switched ON or OFF according to need and can be used to either correct for typical surface damage found on most film material or can be used to flag up a dirt map for 3rd parties to act on.

→ WINDOWS GUI

A major advantage of diTTo Evolution over its peers is the fact that it uses a highly developed yet intuitive Windows™ based Graphical user interface. Offering a range of selectable tools and functions that are both easy to use and understand. This saves time and money by facilitating a quick learning curve for any range of operator.

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→ CINEON LOG AUTO-CALIBRATION

Unlike other film scanning technology diTTo Evolution has been designed from the outset to be simple and easy to setup. With a single push button process an automatic DMIN CINEON calibration is obtained providing perfect and repeatable CINEON LOG data transfers. This fast and highly accurate work flow minimizes technical errors thus raising the bar for your competition.

→ 35MM/16MM KEYCODE READER OPTION

This optional Cintel proprietary Keycode reader supports a seamless integrated turn-key solution for selects , clip / EDL management. Associated software provides automated Keycode conforming providing for a simpler and faster work flow.

→ SHUTTLE & VIEWER

diTTo Evolution offers a high speed Shuttle up to 100fps, providing migration of the film either end to end or for fast “selects” scanning & the ability to quickly and seamlessly move between selections scene by scene. Unlike other similar scanner technology diTTo Evolution offers some visual feedback, not only during the basic scan but also in shuttle providing the operator with an instant visual reference for the material and the project. This delivers a faster workflow and gives the operator instant confidence during the project transfer.

→ OCN, INTERMEDIATE & PRINT MATERIALS

The flexibility of diTTo Evolution’s new camera technology allows for a high quality; low noise capture from any kind of film material, ranging from brand new Original Camera Negative for DI transfers through to old PRINTS for archive and restoration; with a density range up to 3.3 ND.

→ MULTI-PERFORATION OPTION

diTTo Evolution’s “mult-perf” option facilitates an increase in flexibility allowing the operator to move seamlessly between 2, 3 or 4 perforation film jobs without the need to change between gates; allowing for a seamless transfer regardless of the material or job needed.

→ EXCEPTIONAL PRICE / PERFORMANCE

diTTo Evolution offers exceptional performance at an affordable price. Not only is diTTo Evolution one of the fastest; highest quality and most dynamically flexible scanners on the market today, but it is also the most commercially affordable. Coupled with Cintel’s flexible financial terms you have a package that is profitable to the user and difficult to beat commercially.

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→ MODERN /STAND-A-LONE/TURNKEY DESIGN

As an out of the box turnkey technology it comes ready to use with a built in 4TB RAID and a number of peripheral I/O options ranging from dual 4GB Fibre Channel or Firewire 800 through to 10 Gigabit Ethernet. diTTo's compact, stylish and technically advanced design fits into the modern facility with ease, its foot print is sufficiently small enough to allow for desktop operation or portability.

→ S16MM/ 16MM OPTION

Not only is diTTo Evolution capable of scanning all S35mm/35mm materials its also capability of scanning S16mm/16mm film material, thus extending the commercial range and use.

→ GRACE & STEADY OPTIONS

Uniquely diTTo Evolution can be supplied with a real-time 2K Grain and Noise reduction option called GRACE, or as part of the NON-PIN option a real-time 2K image stability system called STEADY. With the ability to not only scan film materials with low noise and high speed with GRACE and STEADY options you can simultaneously fix a multitude of film related issue at the same time. Improving throughput end to end; as GRACE and STEADY have no speed overhead cost in time; the delivered results are therefore more cost effective than any significantly faster scanner solution.

→ 4K SCANNING OPTION

From IBC 2011, diTTo Evolution will be offered with a native 4K scanning option or upgrade; this will facilitate the diTTo to provide true oversampled 4K (4096x3112) derived from native 6K4. Thus enabling the scanner to be used for very high end DI applications. Further; extending its use beyond its initial remit.

