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Hardware Spotlight: UScan+ HD Microform Scanner

Make: Crowley

Model: UScan+ HD

Function: Microform Scanner

UScan+ HD

The Crowley Company, owned by president Christopher Crowley, have released their UScan+ HD, which is the next generation in the UScan+ line of universal microform scanners. Utilising three decades of Mekel and Wicks and Wilson technology, (the company manufacturing arms,) Crowley is now offering the highest resolution on the market for this scanner type with an 18 megapixel active pixel sensor array for maximum image clarity. Microform includes: microfilm; microfiche; aperture cards; photo negatives; slides and more.

Crowley vice president of sales and marketing, Matthew McCabe, impresses the need for progressive hardware advancements in the industry, and states, "The technology surrounding microfilm scanners has advanced significantly over the past few years. The market now demands features such as scan-to-cloud, Interlibrary Loan (ILL) compatibility, and smart editing. These features are important advancements for users, but of little advantage in scanners with slow processing interfaces or poor image quality. The UScan+ HD's 18Mp active pixel sensor array – the highest in this scanner class – couples with a USB 3.0 interface to offer a scanning solution at an unmatched quality with unbeatable speed for both walk-up patrons and back office use."

Institutions having need for the UScan+ HD include libraries, universities, historical societies and other recordkeeping institutions, particularly those that offer walk-up scanning services. End-user examples include students scanning

research materials, genealogists pursuing historical references, investors seeking financial records and citizens researching deeds and other property history.

Efficiency is a key element in the UScan+ series, says McCabe. "All units are delivered with walk-up training videos so that any user can easily navigate the reading, scanning and saving process. The unit is set up to facilitate any level of user knowledge and to grow with users as their scanning needs become more diverse and perhaps greater in volume. In a back office

**'.... no-waste,
energy-
efficient
solution.'**

setting, the operator can enable the camera with a timed auto-capture for film and fiche scanning, meaning that the unit will scan images at a specified pace. This allows for larger batches of scans to be processed at one time."

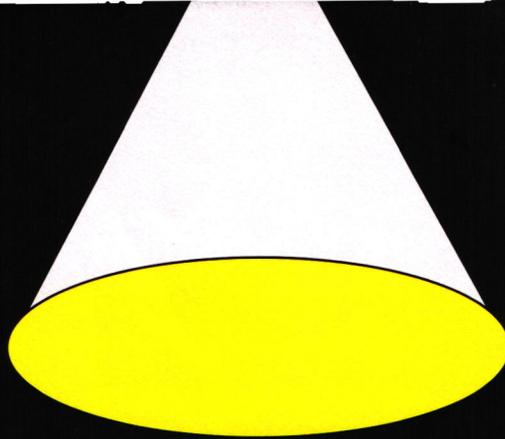
International Success

The customised stand of the UScan+ Series mimics the traditional reader/printer set-up, and the UScan+ HD has already been released in the United Kingdom to a positive reception. Crowley European channel manager, Duncan Moule, notes, "The UScan+ has been a hot ticket item in the U.K. for a few weeks now. Clients are enthusiastic about the advancements in the HD

generation. Customers are thrilled by the resolution and love how easily the images can be edited." Moule elaborates, "The ease of use with the UScan+ software is unparalleled in the universal film scanning market. Patrons and seasoned operators alike appreciate how easy it is to scan an image, customise it to their needs with image perfection tools, and then share it in a matter of minutes." McCabe adds, "Digital sharing features continue to be the imperative new element in modern scan systems for convenience and for the environment. Sharing options such as scan-to-network, cloud sharing and USB save eliminate the need for expensive ink or paper and Energy-star compliance serves to make the unit a no-waste, energy efficient solution."

Also gaining client approval is the custom-engineered accessory stand, which positions the scanner and touchscreen as a compact station, mimicking older reader/printers. Original models of reader/printers positioned the scanned image on a small screen directly above the reader. "Call it nostalgia or a convenient design that has proven itself again," remarks Moule. "Users are drawn to a set-up they understand. Combining the familiar with the new — such as touchscreens and Windows 10 operating system compatibility — are just a few of the ways Crowley is integrating the familiar with the latest technology."

The UScan+ HD's image quality and line of customizable features will be showcased at the upcoming ALA Annual Conference in Orlando, FL from June 24th through



the 27th. (Complimentary Expo-only passes are available using promotional code: V620.)

The UScan+ HD is now available worldwide, and may be sold under the following brand names: UScan+ HD, MACH2+ HD, delta+ HD and Ozaphan+ HD.

A Reminder

The Crowley Company is a world-leader in digital and analogue film technologies, providing an extensive number of digital document and film conversion services to the academic, publishing, commercial, government, and archive sectors.

The company manufactures, distributes and services high-speed

microfilm, microfiche, aperture card, book and document scanners, as well as microfilm duplicators, film processors and other micrographics equipment. Crowley brands include Mekel Technology, Wicks & Wilson, HF Processors and Extek Microsystems. ■

More:

www.thecrowleycompany.com

SPECIFICATIONS

Compatible film types:

Microfiche; jackets; jumbo fiche; ultrafiche; AB Dick; microcards; 16/35mm roll microfilm; cartridge (M-type, C-clip); aperture cards; photographic slides; negatives; 35mm perforated films

Image sensor: 18MP ultra-high resolution active pixel sensor array with real-time onscreen view

Lens Optics: Production-level, high-end customized lens developed specifically for microform clarity

Capture mode: Colour, grayscale or bi-tonal

Capture time: 1/3 second per image

Reduction ratio: 7x 105x

Maximum scan area: 35 x 47/ 1.38 x 1.85 inches (on film)

Output resolution: 100-600 dpi

Output options: Scan to CD/DVD, file, network, USB, print, email, Cloud, Google Docs

Focus adjustment: Automatic and manual

Sensor optimisation: Included; fully adjustable optical image rotation

Zoom adjustment: Motorized (optical) and digital

File formats: TIFF (raw, compressed, single or multi); PDF (single, multi-page); JPEG; JPEG 2000; BMP; GIF; PNG

Integrated USB output: Two built-in USB ports (with backwards compatibility)



Standard features: Touch-screen; manual and motorised roll film pods; smart edit; opaque microcard LED, 3M adapter; RapidScan Batch Scanning; timed auto-capture for film and fiche

Scanner options: Vendor interface kit; OCR; annotation; foot pedal

Light source: Custom-calibrated, colour-compatible LED array

Security: Integrated Kensington lock slot

Interface: USB 3.0

Operating system: Windows 7 Professional (64-bit only); Windows 8 (64-bit only) Intel Processor; Windows 10 (64-bit only) Intel Processor

Dimensions: 50 x 290 x 200 mm/17.7 x 11.4 x 7.9 inches

Weight: 7.2 kg/16 lbs

The full specification sheet for the UScan+ HD is available at: www.thecrowleycompany.com.