

UScan+ Advanced

Universal Film Scanner

Launching
in 2023

THE NEW WAY TO RESEARCH MICROFORM

Since its inception, Crowley's UScan+-Series scanners have provided microform collection owners with a smart, uncomplicated and affordable solution to research, scan, save and send images from microfilm, microfiche, aperture cards, negatives and other film media.

The next generation in the series, the UScan+ Advanced, offers even more image quality through new camera, electronics and software advancements.

Ideal for public research and low-volume back-office scanning efforts, clients worldwide are replacing outdated microfilm reader-printers with flexible, multi-featured UScan+ Advanced scanners.



USCAN+ ADVANCED UNIVERSAL FILM SCANNING SYSTEM

The easier, simpler, better way to
scan multiple media with a single unit

KEY FEATURES

NEW 20 MP High Resolution USB3 Image Sensor

A new camera with a higher image sensor provides full-motion response, eliminating on-screen distortions.

NEW 40% Faster Batch Scanning

Improved electronics and camera allows the automatic batch scanning software, RapidScan, to capture 40% faster than with previous models.

Designed for Public Use

Walk-up scanner with sturdy construction, customizable interface, Kensington lock security, whisper-quiet operation, optional pay-per-use interface and low maintenance requirements. Ideally suited to library, office and museum applications.

On-demand Multi-format Scanning

Digitizes microfilm, microfiche/microcards, aperture cards and photographic slides/negatives with simple icon-driven touchscreen interface.

Scan, Print or Save

in Color, Grayscale or Bitonal.

Learn-As-You-Go Auto Focus

Increase efficiency as the UScan+ Advanced scanner learns favorite focus and zoom positions to speed up image access, review and output.

User-defined Quick Start

Save time with customized start-up settings specific to the type of in-house media or end user need.

One-click Instant Capture

Automatically detect and save image frames.

Flexible Output Options

Final images can be saved to hard drive or USB, printed or output to cloud, email, Dropbox and other digital repositories.

InterLibrary Loan (ILL) Compatible

Fully compatible with ILL document delivery service.

OCR, Footpedal, Monitor Stand

Optional add-ons such as searchable text (OCR) capability, quick capture foot pedals and ergonomic monitor stands* add value and efficiency to research methods.

*Optional. Shown in the product image on the back.

“ The UScan+ is revolutionizing how we can provide access to the wealth of content contained in our scrapbooks. We are pleased to highlight its capabilities to research librarians, showcasing how we are using technology to increase access to content. ”

~ Bridget Carr, Senior Archivist, Boston Symphony Orchestra

A 4:1 ECONOMY OF SCALE

One UScan+ Advanced scanner has the functionality of four separate scanners – microfilm, microfiche, aperture card and film negative. The UScan+ Advanced incorporates production technology that has raised Crowley's scanner brands to premier status in the digitization, records management and preservation industries. With an intuitive design and multi-use functions, the UScan+ Advanced scanners are the ideal unit for libraries, museums, universities, corporate archives and local government offices – anywhere microfilm is available for public access or back-office research.

User Ease

- Simple touchscreen commands
- Excellent image quality
- Fast scrolling
- Dual save outputs to both grayscale and bitonal images in one click
- Adjustable roller guides to secure and protect film
- Instant motor stop/start for precision and control
- Magnetic 16/35 mm film platen positioning for RapidScan allows for best image viewing/scanning
- Easily fitted with pay-per-use and follow-me capabilities
- Available without roll film carrier for fiche, aperture card or photographic (slides, negatives, prints, etc.) capture

TECHNICAL SPECIFICATIONS

Image Sensor	20 MP ultra-high resolution active pixel area array sensor with real-time on-screen view
Compatible Film Types	Microfiche; jackets; jumbo fiche; ultrafiche; AB Dick; microcards; 16/35 mm roll microfilm; cartridge (M-type, C-clip); aperture cards; photographic slides; negatives; 35 mm perforated films
Lens Optics	Production-level, high-end customized lens developed specifically for microform clarity
Capture Time	1/3 second per image
Maximum Scan Area	1.38 x 1.85 in/35 x 47 mm (on film)
Output Resolution	100-2400 dpi
Output Options	Scan to file; network; USB; print; email; cloud; Dropbox; Google Drive
Focus Adjustment	Automatic and manual
Sensor Optimization	Included; fully adjustable optical image rotation
Zoom Adjustments	Motorized (optical) and digital
File Formats	TIFF (single, multi-page); PDF (single, multi-page); JPEG; JPEG 2000; BMP; GIF; PNG
Integrated USB Output	Two built-in USB ports with backwards compatibility
Light Source	Custom-calibrated, color-compatible LED array
Security	Integrated Kensington lock slot
Interface	USB 3.0
Operating System	Windows 10 and 11 Pro. Visit Crowley's website for full PC specs.
Dimensions (LxWxH)	Base unit only: 20 x 14 x 9 in (510 x 360 x 230 mm). With film carrier: 20 x 17 x 9 in (510 x 440 x 230 mm)
Weight	Base unit only: 17 lbs/7.2 kg With film carrier: 23 lbs/10.5 kg
Reduction Ratio	7x to 50x
Capture Mode	Color, grayscale or bitonal
Standard Features	Touchscreen compatibility; manual and motorized roll film pods*; smart edit; annotation; timed auto capture for film and fiche; RapidScan batch scanning; opaque microcard template
Scanner Options	3M adapter; vendor interface kit; OCR; foot pedal; low-level platen handle; manual roll film winding handle; microfilm spool adapter; monitor stand; cleaning kit



* Also available without roll film carrier



DIGITIZATION PRODUCTS



DIGITIZATION SERVICES



SUPPORT SERVICES

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