

UScan+HD

UF-SERIES



SMART. UNCOMPLICATED. AFFORDABLE.

Incorporating more than 40 years of production-level manufacturing experience and designed to continuously advance with the latest technology, Crowley's UScan+ HD Universal Film scanner series is an efficient and affordable option to view, scan, save and send images from microfilm, microfiche, aperture cards or photographic media.

Driven by ease-of-use and high image quality, the UScan+ HD-series is ideal for public research and low-volume back-office conversion.

Clients worldwide are replacing outdated microfilm reader-printers with the flexible, multi-featured UScan+ HD scanners.

USCAN+ HD UNIVERSAL FILM SCANNING SYSTEMS

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

KEY FEATURES

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

18MP High Resolution USB3 Image Sensor

Higher image sensor provides full-motion response, eliminating on-screen distortions

Learn-As-You-Go Auto Focus

Increase efficiency as the UScan+ HD scanners learn favorite focus and zoom positions to speed up image access, review and output

User-defined Quick Start

Customize start-up settings specific to the type of in-house media or end-user to save time

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

RapidScan Option

Fully-automatic motorized film advance and frame detection for batch scanning (standard on UScan+ HD model)

“ 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+ HD-Series scanner has the functionality of four separate scanners – microfilm, microfiche, aperture card and film negative. Both UScan+ HD models incorporate the production-level 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+ HD 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

- Single cable connectivity
- 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 16/35mm film platen positioning for RapidScan allows for best image viewing/scanning
- Easily fitted with pay-per-use and follow-me capabilities

TECHNICAL SPECIFICATIONS

Image Sensor	18MP 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; 16/35mm roll microfilm; cartridge (M-type, C-clip); aperture cards; photographic slides; negatives; 35mm 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 47mm (on film)
Output Resolution	100-2400 dpi
Output Options	Scan to file; network; USB; print; email; cloud; Dropbox; Google Docs
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 Pro (64-bit only with Intel Processor). Visit Crowley’s website for full PC specs.
Dimensions (LxWxH)	Base unit only: 20.3 x 12 x 9 in (515.62 x 304.8 x 228.6 mm). With film carrier: 20.3 x 17 x 9 in (515.62 x 431.8 x 228.6 mm)
Weight	16 lbs/7.2 kg



	UScan+ HD LTE	UScan+ HD
Reduction Ratio	7x to 60x	7x to 105x
Capture Mode	Grayscale or bitonal	Color, grayscale or bitonal
Standard Features	Touchscreen; manual and motorized roll film pods; smart edit; annotation; timed auto-capture for film and fiche	Touchscreen; manual and motorized roll film pods; smart edit; annotation; timed auto-capture for film and fiche; RapidScan batch scanning; 3M adapter; opaque microcard LED
Scanner Options	RapidScan batch scanning; 3M adapter; opaque microcard LED; vendor interface kit; OCR; foot pedal; low-level platen handle; manual roll film winding handle; microfilm spool adapter; monitor stand; cleaning kit	Vendor interface kit; OCR; foot pedal; low-level platen handle; manual roll film winding handle; microfilm spool adapter; monitor stand; cleaning kit