

# UScan+HD

UF-SERIES



## SMART. USNCOMPLICATED. 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Clients worldwide are replacing outdated microfilm reader-printers with the flexible, multi-featured UScan+ HD scanners.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 16/35 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

|                              |                                                                                                                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Image Sensor</b>          | 18 MP ultra-high resolution active pixel area array sensor with real-time on-screen view                                                                                                       |
| <b>Compatible Film Types</b> | 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 |
| <b>Lens Optics</b>           | Production-level, high-end customized lens developed specifically for microform clarity                                                                                                        |
| <b>Capture Time</b>          | 1/3 second per image                                                                                                                                                                           |
| <b>Maximum Scan Area</b>     | 1.38 x 1.85 in/35 x 47 mm (on film)                                                                                                                                                            |
| <b>Output Resolution</b>     | 100-2400 dpi                                                                                                                                                                                   |
| <b>Output Options</b>        | Scan to file; network; USB; print; email; cloud; Dropbox; Google Docs                                                                                                                          |
| <b>Focus Adjustment</b>      | Automatic and manual                                                                                                                                                                           |
| <b>Sensor Optimization</b>   | Included; fully adjustable optical image rotation                                                                                                                                              |
| <b>Zoom Adjustments</b>      | Motorized (optical) and digital                                                                                                                                                                |
| <b>File Formats</b>          | TIFF (single, multi-page); PDF (single, multi-page); JPEG; JPEG 2000; BMP; GIF; PNG                                                                                                            |
| <b>Integrated USB Output</b> | Two built-in USB ports with backwards compatibility                                                                                                                                            |
| <b>Light Source</b>          | Custom-calibrated, color-compatible LED array                                                                                                                                                  |
| <b>Security</b>              | Integrated Kensington lock slot                                                                                                                                                                |
| <b>Interface</b>             | USB 3.0                                                                                                                                                                                        |
| <b>Operating System</b>      | Windows 10 Pro (64-bit only with Intel Processor). Visit Crowley's website for full PC specs.                                                                                                  |
| <b>Dimensions (LxWxH)</b>    | 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)                                                                  |
| <b>Weight</b>                | 16 lbs/7.2 kg                                                                                                                                                                                  |



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



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