

# UScan

UF-SERIES

The Universal Film Scanner

Building on the unprecedented success of the original **UScan** Universal Film scanner and incorporating more than 30 years of production-level manufacturing, Crowlev and Wicks and Wilson introduce the **UScan UF-Series**. Engineered to continuously advance with the latest technology, the UScan UF-Series offers a competitively-priced unit for public access and low-volume archival use. Driven by ease-of-use and maximum image clarity, the UScan UF-Series simply and efficiently digitizes all film and photographic material formats in a single unit.

Clients worldwide are finding the UScan to be an ideal replacement or augmenter for aging and archaic reader/printers.

SMART.  
UNCOMPLICATED.  
AFFORDABLE.



## 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 roll microfilm, microfiche, aperture cards, microcards and photographic slides/negatives with **icon-driven touch-screen interface**

**Scan, Print or Save** in **color**, **grayscale** or **bi-tonal**

### High Resolution USB3 Image Sensor in 10MP or 18MP

Newly developed technology provides full-motion response, eliminating on-screen distortions

### Learn-As-You-Go Auto Focus

Increase efficiency as the UScan learns 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 for improved efficiency

### One-button Instant Capture

Automatically detect and save frames on the film

### Flexible Output Options

Save files to local **USB** or **flash drive**; print to **hard copy**; output to **cloud**, **CD/DVD** (UScan +/ UScan+ HD) and **email**

### InterLibrary Loan (ILL) Compatible

**Fully-compatible** with ILL document delivery service

### Searchable Text (OCR) and Annotation Output

A valuable option on all models

### RapidScan Option

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

## UScan Universal Film Scanning Systems

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



Wicks and Wilson  
A CROWLEY Company

CROWLEY

## A 4:1 ECONOMY OF SCALE

The **UScan UF-Series** embodies economy of scale with its ability to **read, scan, print, email** and **save** images from **roll microfilm, microfiche, microcards, aperture cards** and **photographic materials**. Taking the place of four separate scanners and incorporating the production-level technology that has raised Crowley's **Wicks and Wilson** and **Mekel Technology** brands to premier status in the archive industry, the UF-Series design and multiple-use functions create an ideal unit for public access, walk-up patron and light preservation use. Scans in color, grayscale and bi-tonal.

### USER EASE

- Single cable connectivity
- Simple touchscreen commands
- Excellent image quality
- Fast rewind
- Adjustable roller guides to secure and protect film
- Instant motor stop/start for precision and control
- Magnetic 16/35mm film platen positioning for best image viewing/scanning
- Easily fitted with pay-per-use and follow-me capabilities

### TECHNICAL SPECIFICATIONS

	UScan+ LTE	UScan+	UScan+ HD
<b>Compatible film types</b>	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		
<b>Image sensor</b>	10MP high-resolution area array with real-time on-screen view		18MP ultra-high resolution active pixel sensor array with real-time onscreen view
<b>Lens Optics</b>	Production-level, high-end customized lens developed specifically for microform clarity		
<b>Capture mode</b>	Grayscale or bi-tonal	Color, grayscale or bi-tonal	
<b>Capture time</b>	1/3 second per image		
<b>Reduction ratio</b>	7x to 60x	7x to 105x	
<b>Maximum scan area</b>	35 x 47/ 1.38 x 1.85 inches (on film)		
<b>Output resolution</b>	100-2400 dpi		
<b>Output options</b>	Scan to file, network, USB, print, email, Cloud, Google Docs	Scan to CD/DVD, file, network, USB, print, email, Cloud, Google Docs	
<b>Focus adjustment</b>	Automatic and manual		
<b>Sensor optimization</b>	Included; fully adjustable optical image rotation		
<b>Zoom adjustment</b>	Motorized (optical) and digital		
<b>File formats</b>	TIFF (raw, compressed, single or multi); PDF (single, multi-page); JPEG; JPEG 2000; BMP; GIF; PNG		
<b>Integrated USB output</b>	Two built in USB ports (with backwards compatibility)		
<b>Standard features</b>	Touch-screen; manual and motorized roll film pods; smart edit	Opaque microcard LED, 3M adapter; RapidScan Batch Scanning	Timed auto-capture for film and fiche
<b>Scanner options</b>	Vendor interface kit; OCR; annotation		Foot pedal
<b>Light source</b>	RapidScan batch scanning; 3M adapter; opaque microcard LED; Custom-calibrated, color-compatible LED array		
<b>Security</b>	Integrated Kensington lock slot		
<b>Interface</b>	USB 3.0		
<b>Operating system</b>	Windows 7 Professional (64 bit only); Windows 8 (64 bit only) Intel Processor; Windows 10 (64 bit only) Intel Processor		
<b>Dimensions (WxDxH)</b>	Base Unit Only: 12in x 20.3 x 9 (304.8 x 515.62 x 228.6mm)/ With Film Carrier: 17in x 20.3 x 9 (431.8 x 515.62 x 228.6mm)		
<b>Weight</b>	7.2 kg/16 lbs		

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