

DigiBook SupraScan A0/E

Color & Grayscale Scanner
for Large Format & Rare Works



With over 20 years experience in image capturing and processing, i2s continues to develop solutions for the digitization and restoration of rare historical documents, aiding in the valuable preservation of a nation's cultural heritage.

i2s offers you a complete range of scanners that fulfill all of your digitization needs, no matter how strict the handling requirements for your most fragile documents (i.e. ancient books, manuscripts, maps, newspapers). The most versatile and powerful scanner in our SUPRASCAN range, the DigiBook A0/E, is dedicated to digitizing large format and bound documents in either color or grayscale.

This scanner possesses exceptional image quality and is capable of digitizing A0 and E sized materials up to 34.2" (h) x 49.2" (w) at 400ppi. With the DigiBook A0/E, your productivity will increase tremendously. With the 10000 pixel camera, the system can scan A0/E format documents as fast as 12 seconds!




Productivity can be increased by utilizing the Book Restorer™ software in conjunction with the scanner. As a separate application, Book Restorer™ can be used to enhance single page scans or to run in automatic mode as a batch process application. Image manipulation and enhancement can be done simultaneously or post process at additional work stations.

In speed, versatility, and image quality, the DigiBook A0/E is unrivaled!

DigiBook SupraScan A0/E

Digitization				
MODEL	10K RGB		14K RGB	14K BW
CCD	tri-linear 10,200 pixels		tri-linear 14,400 pixels	mono 14,400 pixels
OPTICAL RESOLUTIONS FOR US SIZED DOCUMENTS	E	150-300 ppi	200-400 ppi	
	D	150-400 ppi	200-600 ppi	
	C	150-600 ppi	300-800 ppi	
	B	150-800 ppi	200-1000 ppi	
COLOR MODE (RGB MODE ONLY)	42-bit digitization 24-bit output (16 million colors)			
GRAY LEVEL MODE	14 Bit Digitization			
FILE FORMATS	JPEG with adjustable compression ratio TIFF Uncompressed PNG with adjustable compression ratio TIFF Group IV for binary images			
RESOLUTION SETTINGS	Fully adjustable camera for true optical resolutions			
LIGHTING	High frequency fluorescent lamps adapted for matte and glossy documents light direction and intensity is user adjustable			
LIGHTING CORRECTION	real time			
LENS	60mm fixed focal length, manual iris and focus			

Works Accepted	
TYPE	maps, magazines, newspapers, books and any type of bound works
FORMATS	DIN A0 / E or smaller
MAXIMUM DIMENSIONS	34.2" x 49.2"

Options	
Book Cradles	
<ul style="list-style-type: none"> • 20cm - accommodates D size books up to 7 3/4 inches and 55 lbs • 30cm - accommodates D size books up to 11 1/2 inches and 66 lbs • 50cm - accommodates D size books up to 19 1/2 inches and 88 lbs • 20/90° - similar to 20cm, but can be rotated on casters 	
Vacuum Table: assists in maintaining large flat objects as level and flat as possible.	
120° Book Holder: Ideal for fragile books with tight bindings	
Glass Option: helpful with books with stiff bindings, inserts, photographs, and to minimize the operator's physical contact.	
BOOK RESTORER™: Image restoration software <ul style="list-style-type: none"> • Geometrical correction • Lighting correction • Crop • Finger masking • Smart binarizing • ICC profiles • Area detection • Polarity detection 	

Scanning Times					
FORMAT	RESOLUTION	COLOR		14000	
		IMAGE SIZE FOR 1 PAGE	SCANNING TIME	BW	RGB
E	150 PPI	99 Mb	17 s	-	-
E	250 PPI	274 Mb	28 s	22 sec	31 sec
E	300 PPI	395 Mb	34 s	-	-
E	400 PPI	702 Mb	62 s	40 sec	62 sec
C	300 PPI	49 Mb	18 s	-	-
C	400 PPI	88 Mb	24 s	20 sec	32 sec
C	600 PPI	197 Mb	35 s	30 sec	47 sec
C	800 PPI	351 Mb	-	40 sec	63 sec

Physical Characteristics	
DIMENSIONS	6.57 ft (L) 3.78 ft (W) 6.57 ft (H) (excluding PC)
TOTAL WEIGHT	353 lbs. (without PC and monitor)
ELECTRICAL POWER	110V - 60 Hz 220V - 50 Hz 300 VA max
CERTIFICATIONS	CE / FCC part 15 CONFORMITY Low voltage electrical safety EN60950 RADIO ELECTRICAL DISTURBANCES EN55022, EN61000-3-2, EN61000-3-3 ELECTROMAGNETIC IMMUNITY EN55024