

CopiBook Open System A1

COMBINES EFFICIENCY AND PRODUCTIVITY



i2S
be visionary

CopiBook OS, the ultimate scanner for high quality and high speed

The fourth generation of CopiBook range has been designed to satisfy the most demanding end-users, especially in terms of image quality. The CopiBook OS A1 comes with the E-XTRA camera, a new camera embedding the TrueColor technology: 400 dpi optical resolution and no Moiré pattern.

CopiBook OS, the fastest book scanner on the market

The CopiBook OS A1 is the best scanner for digitization projects that require high quality and maximum productivity.

CopiBook OS, a scanner designed for your large digitization projects

Our CopiBook OS, meets the specific requirements of mass digitization projects on large format document such as newspapers, maps and thick books.



Thick Books



Maps



Newspapers



Archives

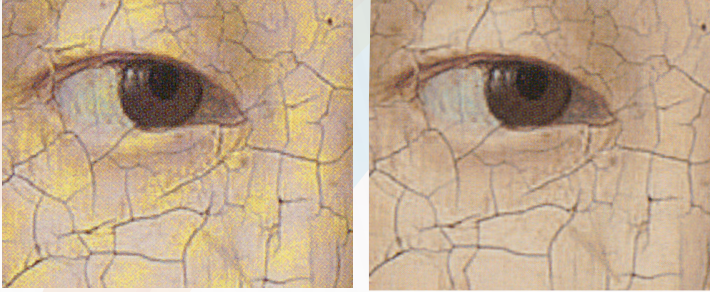
Some references - They trust our solutions



Image Quality

- E-XTRA camera, TrueColor technology inside
156 Mp - 400 dpi optical resolution
- EAGLE / E-HRIS cameras
71 Mp - 300 dpi optical resolution
- No mechanical shutter
- 9 cm depth of field

No Moiré pattern with E-XTRA camera



Lighting

- 3 sources for better homogeneity
- 2 positions with or without the book cradle
- LED lighting - cold lighting
- Cover to protect operator's eyes

Productivity

- Scan time < 1 sec / Cycle time < 5 sec at 300 dpi
- Scan time < 4 sec / Cycle time < 11 sec at 400 dpi
- Same scanning time whatever the format
- Real-time color preview

Scan area

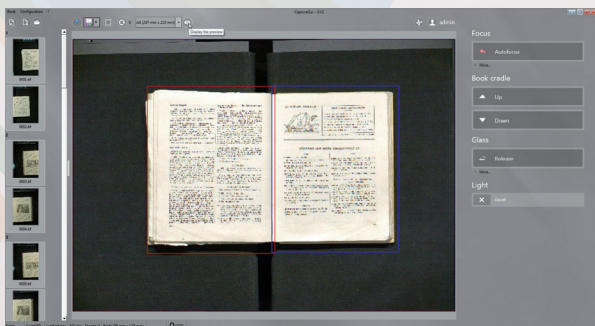
- 844 x 598 mm with glass down

Book Cradle

- 20 cm / 20 kg
- Motorized glass plate
- Motorized book plate
- Auto levelling system
- Front control panel
- Automatic glass release
- Removable book cradle to obtain a larger scan area
- Self opening and closing glass plate



Software



- Color Live preview before scan
- Multi frame management: saving multiple files from one scan
- Automatic format detection
- Auto-focus
- Real-time lighting correction
- Light "On" only during scanning
- Automatic calibration & Fine tune calibration menu
- Thumbnails flow
- Production environment: login, metadata tagging, METS outputs
- ICC Profile management
- Multilingual operator interface
- Embedded image processings (live deskew, live cropping, finger masking, details enhancement, contrast enhancement...)

Technical Specifications	CopiBook OS A1 300 dpi	CopiBook OS A1 XD 400 dpi
Type	A1 format planetary book scanner	
Scan Format	Larger format (>A1) available for flat documents removing the book cradle (1065 mm x 754 mm)	
	Up to 844 x 598 mm (300 dpi), with glass and books up to 20 cm thickness	Up to 844 x 598 mm (400 dpi), with glass and books up to 20 cm thickness
Scan Mode	Color, Grayscale, Black & White - up to 48 bits output	
Scan Time	300 dpi - scan time in color < 1 sec at 300 dpi 400 dpi - interpolated from 300 dpi	300 dpi - scan time in color < 1 sec at 300 dpi 400 dpi - scan time in color < 4 sec at 400dpi
Cycle Time	300 dpi - cycle time in color < 5 sec at 300 dpi 400 dpi - interpolated from 300 dpi	300 dpi - cycle time in color < 5 sec at 300 dpi 400 dpi - cycle time in color < 11 sec at 400 dpi
File Formats	- TIFF, TIFF multipage , JPEG, JPEG2000, BMP, PDF, PDF multipage, PNG, DNG	
Camera	EAGLE - 71MPixels, matrix sensor camera, auto focus, no mechanical shutter	E-XTRA - 156 MPixels, matrix sensor camera, auto focus, no mechanical shutter
Optical resolution	300 x 300 dpi	400 x 400 dpi
Maximum resolution	1000 x 1000 dpi	1000 x 1000 dpi
Interface software	LIMB Capture Software, operated by Windows 7,8,10 / 64 bits	
Accessories	Removable book cradle 20cm (7.8") / 20kg (44 lbs) with motorization for plates height adjustment and glass plate motion	
Dimensions	L 1245 mm (49") x W 1513 mm (60") x H 1405 mm (56"). Weight: scanner: 80kg / Book cradle: 90kg	
Power requirements	100V – 240V , 50Hz 60Hz, 300VA max	
Warranty	1 year on spare parts and software updates, extendable to up to 5 years	

About i2S

SOLUTIONS FOR YOUR DIGITIZATION PROJECTS

i2S is a company specialized in image capturing and processing technology.

We work for international clients, on a wide range of markets like: health and well-being, sport, software, document digitization, food-processing and agriculture, aviation and aerospace, robotics and industrial control systems, and more generally, wherever image capturing is required.

i2S creates and markets a whole range of scanners and software intended for historical archives and bound documents digitization and promotion. Most of our customers are content owners such as museums, libraries, archives, administrations and a few large companies.

Our clients value our innovative solutions which encompass the complete process of a digitization project: capturing, processing, enriching and sharing. In order to meet the need for digitizing varied and precious collections, we designed the largest range of book scanners on the marketplace – from the smallest size to 2A0 format, including robot scanners.

Today, more than 4.000 book scanners are installed at more than 1.000 customers' sites around the world.

At i2S we work with passion and dedication for our customers, taking up the challenge of putting innovation at the service of digitization projects efficiency.



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