



# eScan Open System - A3

i2S has developed a scanning solution that is open, configurable and scalable according to user needs, and enhanced with high image quality and productivity.

**ISO 19264-1, Metamorfoze Light and FADGI 3\* compliant**

## ADVANTAGES

IMAGE QUALITY : • 71 Mpixels Camera // No mechanical shutter

- 400 dpi optical resolution (up to 600 dpi) // 9 cm depth of field

PRODUCTIVITY : • Scan time < 1 sec / Cycle time = 3 sec at 400 dpi  
Same scan time whatever the format

CONFIGURABLE : • Select the book cradle, camera and interface software

- 15 cm / 15 kg manual book cradle or motorized book cradle with glass plate or no book cradle // 560 x 400 mm scanning format
- Optional self-opening glass plate

EASY TO USE : • Two interfaces : self-service or production (Limb Capture)

- All-in-one monitor
- Scan launch when glass is down

TRANSPORTABLE : • Easy to assemble, dismantle and move



# CoPIBook Open System - A2

CoPIBook OS is the newborn model from CoPIBook range. Keeping all the main features which made CoPIBook range the worldwide reference of A2 format book scanners over the last decade, CoPIBook OS comes up with an unequalled productivity, a brand new i2S matrix sensor camera, and it is driven by the new powerful software interface LIMB CAPTURE.

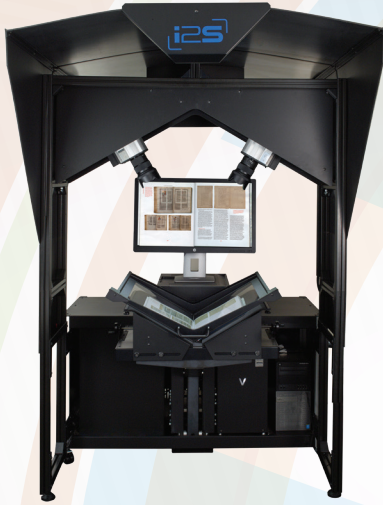
**ISO 19264-1, Metamorfoze Light and FADGI 3\* compliant**



ADVANTAGES	CoPIBook OS A2	CoPIBook OS A2 XD
<u>IMAGE QUALITY</u>	<ul style="list-style-type: none"> <li>• <b>400 x 400 dpi</b> optical on A2</li> <li>• 7 lp/mm at 400 dpi</li> <li>• Depth of field 9 cm</li> </ul>	<ul style="list-style-type: none"> <li>• <b>600 x 600 dpi</b></li> <li>• 8,2 lp/mm at 600 dpi</li> <li>• TrueColor technology inside</li> <li>• No moiré pattern</li> </ul>
<u>CAMERA</u>	<ul style="list-style-type: none"> <li>• 71 Mpixels EAGLE camera</li> </ul>	<ul style="list-style-type: none"> <li>• 156 Mpixels E-XTRA camera</li> </ul>
<u>PRODUCTIVE</u>	<ul style="list-style-type: none"> <li>• Scan time in color &lt; 1 sec</li> <li>• Cycle time in color = 3 sec</li> </ul>	<ul style="list-style-type: none"> <li>• Scan time in color &lt; 4 sec</li> <li>• Cycle time in color &lt; 11 sec</li> </ul>
<u>CONFIGURABLE</u>	<ul style="list-style-type: none"> <li>• Fast focus, fast data transfer (USB 3)</li> </ul>	
<u>VERSATILE</u>	<ul style="list-style-type: none"> <li>• Select the book cradle and camera model</li> </ul>	
<u>LARGE FORMAT</u>	<ul style="list-style-type: none"> <li>• Same scanner for mass or self-service digitization</li> </ul>	
<u>TRANSPORTABLE</u>	<ul style="list-style-type: none"> <li>• Scanning area 635 mm x 440 mm (25" x 17,3")</li> <li>• Easy to assemble, dismantle and move</li> </ul>	



# CopiBook V-SHAPE



CopiBook V-SHAPE is the perfect solution to digitize fragile books maintained in V shape for harmless digitization operations. Designed from the combination of 2 high quality i2S cameras, it guarantees high productivity and best quality of image with no glares thanks to a perfect control of the lighting.

**ISO 19264-1, Metamorfoze Light and FADGI 3\* compliant**

## ADVANTAGES

IMAGE QUALITY: 600 x 600 dpi on 2xA3 // 400 x 400 dpi on 2xA2  
two 71 Mpixels EAGLE cameras // depth of field > 5 cm

LIGHTING CONTROL: No reflections between opposite pages

SPECIAL GLASS PLATE JUNCTION: Less than 2 mm loss in the gutter

CONNECTED: fast focus, fast data transfer (USB 3)

ERGONOMICS: Smooth glass edges, pressure sensors, hands presence detector

PRODUCTIVE: Scan time <1 sec // Cycle time <6 sec

SEMI AUTOMATIC: Motorized book cradle, glass moves automatically up and down, automatic book centering

EASY TO USE: Fully automatic calibration and intuitive interface

# CopiBook Open System - A1

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.

ADVANTAGES	CopiBook OS A1	CopiBook OS A1 XD
<u>IMAGE QUALITY</u>	<ul style="list-style-type: none"> <li>• <b>300 x 300 dpi</b> optical on A1</li> <li>• 4.7 lp/mm at 300 dpi</li> </ul>	<ul style="list-style-type: none"> <li>• <b>400 x 400 dpi</b> optical on A1</li> <li>• 5.5 lp/mm at 400 dpi</li> <li>• TrueColor technology inside</li> <li>• No moiré pattern</li> </ul>
<u>CAMERA</u>	<ul style="list-style-type: none"> <li>• 71 Mpixels EAGLE camera</li> </ul>	<ul style="list-style-type: none"> <li>• 156 Mpixels E-XTRA camera</li> </ul>
<u>PRODUCTIVE</u>	<ul style="list-style-type: none"> <li>• Scan time in color &lt; 1 sec</li> <li>• Cycle time in color &lt; 5 sec</li> </ul>	<ul style="list-style-type: none"> <li>• Scan time in color &lt; 4 sec</li> <li>• Cycle time in color &lt; 11 sec</li> </ul>
<u>LIGHTING</u>	<ul style="list-style-type: none"> <li>• Fast focus, fast data transfer (USB 3)</li> <li>• 3 sources for better homogeneity</li> <li>• 2 positions with or without the book cradle</li> <li>• Cover to protect operator's eyes</li> </ul>	
<u>BOOK CRADLE</u>	<ul style="list-style-type: none"> <li>• Motorized glass plate and book plate</li> <li>• Front touch pad / auto levelling system</li> <li>• Self opening and closing glass plate</li> </ul>	
<u>LARGE FORMAT</u>	<ul style="list-style-type: none"> <li>• Removable book cradle to obtain a larger scan area</li> </ul>	



## ACCESSORIES

VACUUM TABLE,  
V-SHAPE BOOK HOLDER, LIGHTING TABLE



The SupraScan range has been developed to achieve the **highest level of image quality** while ensuring a **perfect document preservation**. From A1 to 2A0, the SupraScan range is the best choice to digitize your collections with superior **image quality** and **productivity**.

## SUPRAScan Quartz A1 - A1HD / A1V - A1VHD



ISO 19264-1/A, Metamorfoze Full & FADGI 4\* compliant

ADVANTAGES	A1	A1HD
<u>IMAGE QUALITY:</u>	• MTF at 400 dpi: 85% resolution efficiency (about 6,7 lp/mm)	• MTF at 600 dpi: 90% resolution efficiency (about 10.6 lp/mm)
<u>FAST:</u>	• 7.9 s for 400 x 400 dpi optical	• 24 s at 600 x 600 dpi optical
<u>LARGE:</u>	• 1030 x 630 mm (40.5" x 24.8" in)	• 1030 x 618 mm (40.5" x 24.3" in)
<u>GENTLE:</u>	• Automatic glass pressure and control adjustment	
	A1V	A1VHD
<u>IMAGE QUALITY:</u>	• 400 x 400 dpi optical on A1 format in color, 7 lp/mm at 400 dpi optical	• More than 10.6 lp/mm at 600 x 600 dpi optical • More than 18 lp/mm at 1000 x 1000 dpi optical
<u>LARGE:</u>	• Scanning up to 900 x 630 mm (35.43 x 24.8 in.)	
<u>GENTLE:</u>	• 90° angle digitization, glass up if any obstacle, no lights in the operator's eyes, free from UV and IR emissions	
<u>LIGHTING CONTROL:</u>	• Exclusive glare free system to remove reflections even on glossy documents	
<u>SMART:</u>	• Automatic calibration and automatic focus	
<u>RELIEF:</u>	• A unique lighting to enhance documents and objects relief	

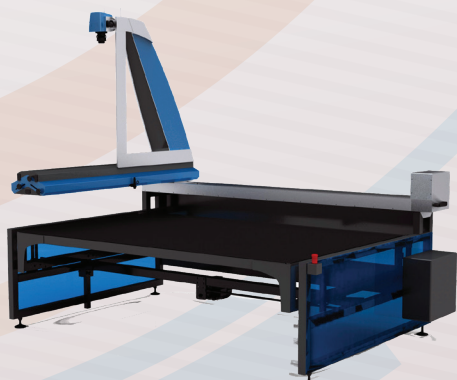
## SUPRAScan Quartz A0 - A0HD

ISO 19264-1/A, Metamorfoze Full & FADGI 4\* compliant

ADVANTAGES	A0	A0HD
<u>IMAGE QUALITY:</u>	• 300 x 300 dpi	• 600 x 600 dpi
<u>LARGE:</u>	• up to 1300 x 900 mm ( 51.2" x 35.4" in) without glass plate	• 1300 mm x 908 mm (51.2" x 35.7" in) without glass plate
<u>ERGONOMIC:</u>	• Motorized book cradle, motorized glass, motorized camera movement	
<u>GENTLE:</u>	• Pressure sensors, no lights in the operator's eyes, free from UV and IR emissions	
<u>VERSATILE:</u>	• Accessories : book cradle, v-shape book holder, glass plate, A0 vacuum table	
<u>RELIEF</u>	• A unique lighting to enhance documents and objects	
<u>LIGHTING CONTROL:</u>	• Exclusive glare free system to remove reflections even on glossy documents	



## SUPRAScan Quartz 2A0



### ADVANTAGES

IMAGE QUALITY: ISO 19264-1, Metamorfoze Light & FADGI 3\* compliant // 400 x 400 dpi on 2A0  
LARGE: Scanning up to: 1800 mm x 1200 mm (70.8" x 47.2")  
PRODUCTIVE: 32 sec for a 2A0 scan at 400 x 400 dpi optical  
LIGHTING: Relief detail enhancement, adjustable lighting angle, glare control  
ERGONOMICS: 2A0 format sliding tray (pull & push), motorization of height adjustment (up & down), accessibility from 3 sides  
GENTLE: Free from UV and IR emissions, preservation of fragile and rare materials



DIGITIZE



Limb Capture is a new interface software designed to drive all i2S scanners. Limb Capture includes 2 users interfaces : self-service and production.

**Self Service includes:**

- Multi-touch interface
- Automatic document detection and cropping
- Easy image edition
- Live saving
- Multiple outputs at the same time

**Production includes:**

- Multiple frames management
- ICC color management
- Thumbnails flow to delete/add/insert images
- Production environment: login, metadata tagging, METS outputs...
- Multiple scan trigger
- Set of image processings
- Advanced settings

ENRICH

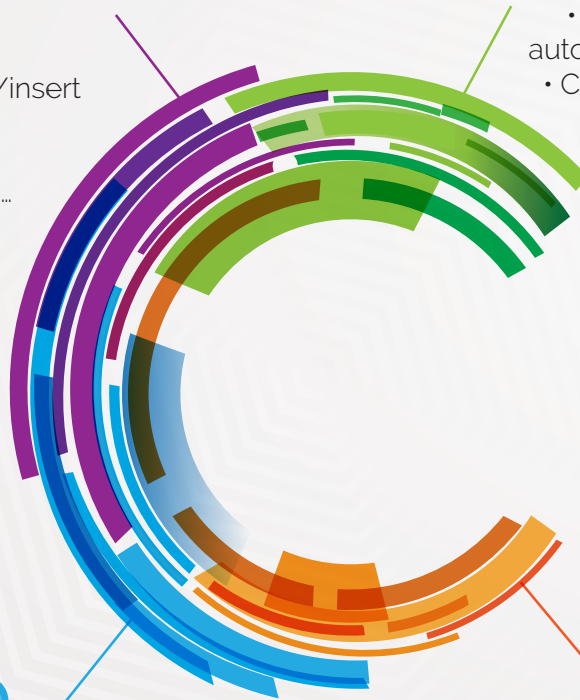


Limb Processing is the first complete solution designed for giving more value to images captured from books thanks to some automated and smart post-processings.

It consists of several modules including : import, image enhancement, quality control, document structuring, OCR, segmentation, metadata management, export.

**Advantages**

- A unique tool to process, enrich and convert your collection into digital assets
- Multiple images processed in parallel, automatic processing, optimized workflow
- Compatible with all metadata standards (METS, ALTO, DC, MODS)
- Multi-users solution



SHARE



Limb Gallery is a simple, powerful and modern software tool to build your digital library and share your digital collections online.

Limb Gallery includes a fully configurable user interface in order to adapt the look and feel to your graphical environment (logo, colors and template).

**Advantages**

- Faceted search engine
- Collection management
- Full text search
- Responsible and customizable design
- Share metadata with partner libraries
- Easy Back Office Management
- Import all standard file format

ORGANIZE



Limb Maestro is a software designed for organizing and supervising the workflow of any digitization project, from the resources management and workflow sequences definition, to the generation of statistics.

Limb Maestro is a collaborative tool enabling to share work progress information of all operators taking part to a global project.

**Advantages**

- Multi-users solution
- User rights management enable to split administrators and standard operators interfaces
- Dedicated back office interface to define roles and workflow steps
- Graphics to display statistics, reports generation for project manager

# Some references - They trust our solutions



## 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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i2S Innovative Imaging Solutions



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