

# CopiBook

## Open System A1

COMBINES EFFICIENCY AND PRODUCTIVITY

New  
E-XTRA  
Camera



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**, anew 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



Newspaper



Archives

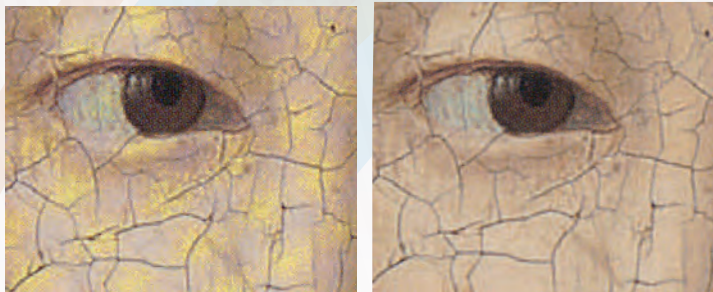
## Some references - They trust our solutions



## 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

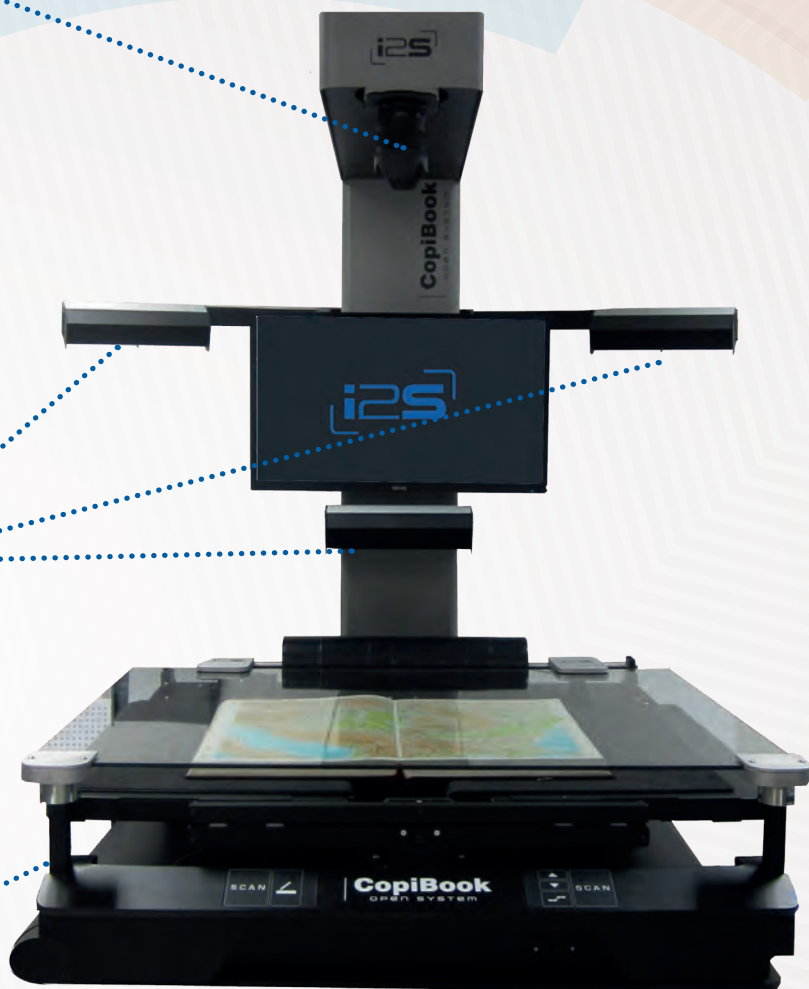
- Scan time < 1 sec / Cycle time < 5 sec at 300 dpi
- Scan time < 4 sec / Cycle time < 11 sec at 400 dpi
- Same scanning time whatever the format
- Real-time color preview

## Scan area

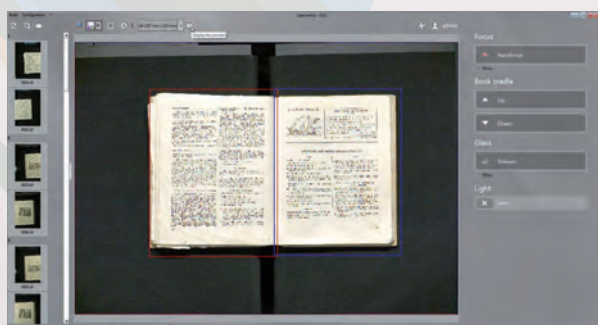
- 23.6 x 33.1 inches (600 x 840 mm) with glass down
- 30.3 x 42.7 inches (769 x 1085 mm) without cradle

## Book Cradle

- 27.8 in. / 44 lbs
- Motorized glass plate
- Motorized book plate
- Auto levelling system
- Front touch pad
- 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                                               |                                                                                                                      |
|                          | More than 23.6 x 33.1 inches (300 dpi), with glass and books up to 7.8 inch thickness                                   | More than 23.6 x 33 inches (400 dpi), with glass and books up to 7.8 inch thickness                                  |
| Scan Mode                | Color, Grayscale, Black & White / Input 36 bits / Output 24 bits                                                        |                                                                                                                      |
| Scan Time                | <b>300 dpi</b><br>- scan time in color < 1 sec at 300 dpi<br><b>400 dpi</b><br>- interpolated from 300 dpi              | <b>300 dpi</b><br>- scan time in color < 1 sec at 300 dpi<br><b>400dpi</b><br>- scan time in color < 4 sec at 400dpi |
| Cycle Time               | 300 dpi<br>- cycle time in color < 5 sec at 300 dpi<br>400 dpi<br>- interpolated from 300 dpi                           | 300 dpi<br>- cycle time in color < 5 sec at 300 dpi<br>400 dpi<br>- 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                                                                                                      |
| Scanner interface        | Fast data transfer : USB 3.0 interface                                                                                  |                                                                                                                      |
| 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               | Scanner : 55 in. x 59.5 in. x 47 in.                                                                                    |                                                                                                                      |
| Power requirements       | 100v – 240v , 50Hz 60Hz                                                                                                 |                                                                                                                      |
| 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.