New E-XTRA Camera

CopiBook
Open System A2

THE SCANNER YOU TRUST

i2S

be visionary

CopiBook OS: high image quality with no compromise on productivity

The fourth generation of CopiBook range has been designed to satisfy the most demanding end-users, especially in terms of **image quality**. Compliant with **ISO 19264-1, Metamorfoze light and FADGI 3* standards,** the CopiBook OS comes with **the E-XTRA camera,** a new camera embedding **the TrueColor technology: 600 dpi optical resolution** and **no Moiré pattern.**

On the A2 format market segment, the CopiBook OS remains the reference thanks to its **high productivity**, **user-friendliness** and **robustness**.

Overview	
TonalReproduction	✓
Noise	✓
Color	✓
Resolution	✓
Shading	✓
Distortion	✓

FA DGI | M | ISO 19264-1

CopiBook OS, a fully configurable book scanner to cover all your needs

In order to better match end-users requirements, i2S made this new CopiBook model an "Open System". It means that you can select your **camera**, your **book cradle model** and **software interface**.
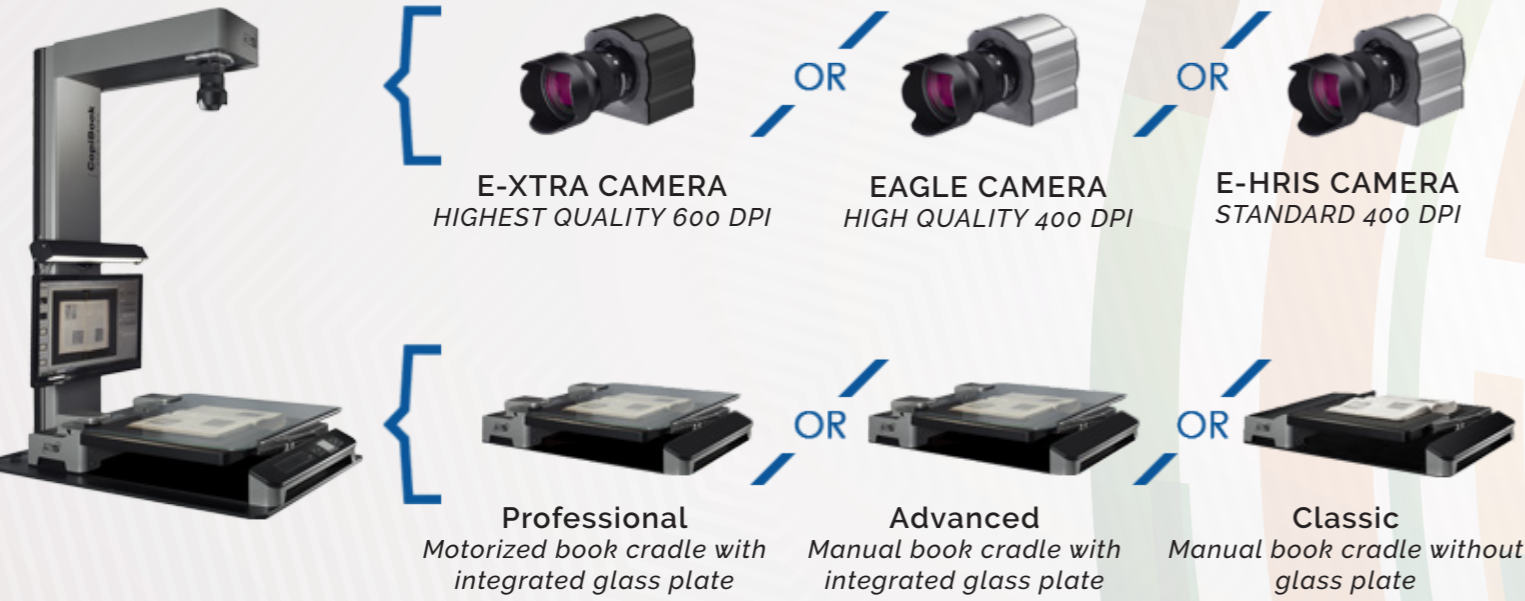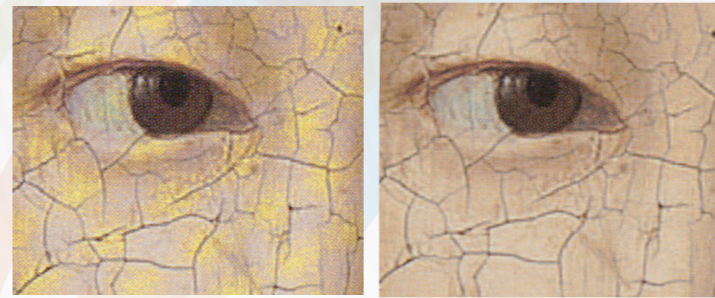
{ **E-XTRA CAMERA** *HIGHEST QUALITY 600 DPI* OR **EAGLE CAMERA** *HIGH QUALITY 400 DPI* OR **E-HRIS CAMERA** *STANDARD 400 DPI*

{ **Professional** *Motorized book cradle with integrated glass plate* OR **Advanced** *Manual book cradle with integrated glass plate* OR **Classic** *Manual book cradle without glass plate*

Some references - They trust our solutions

National Library of Wales
National Library of Norway
University of Dublin Ireland
Royal Library of Sweden
National Library of Finland
National Library of France
Hermitage Museum Russia
Library of Quebec
State & University, Library of Düsseldorf
National Archives of France
National Library of Czech Republic
Albertina Museum, Austria
National Library of China
Carneggie Mellon University
University of Michigan
National Library of Bulgaria
Koç University
National Archives of Japan
Texas State Library and Archives Commission
Ministry of Culture Spain
Rome City Hall
National Archives of Nepal
Beijing University China
National Archives of Mexico
Archive of Morocco
Ministry of Justice of Tunisia
Qatar National Library
National Library of Bangladesh
University of Florida
Municipality and archives Mali
National Archives of Egypt
University of Ghana
International Islamic University of Malaysia
Ministry of the interior Gabon
National University of Singapore
National Archives of Peru
Supreme Federal Court of Brazil
National Archives of Indonesia
National Library of Chile
National Archives of Argentina
University of Pretoria
Victoria University Melbourne

Compliant with ISO 19264-1, Metamorfoze light and FADGI 3* standards

Image Quality
- *E-XTRA camera*, **TrueColor technology inside 156 Mp - 600 dpi optical resolution**
- *EAGLE / E-HRIS cameras* 71 Mp - 400 dpi optical resolution
- No mechanical shutter
- High resolution efficiency >6,7 pl/mm @400 dpi
- 9 cm depth of field

No Moiré pattern with E-XTRA camera

Lighting
- LED with no direct light to the operator's eyes

Productivity
- Scan time < 1 sec / Cycle time < 3 sec at 400 dpi
- Scan time < 4 sec / Cycle time < 11 sec at 600 dpi
- Same scan time whatever the format
- Real-time color preview

Scan area
- 440 x 635 mm with glass down
- 510 x 720 mm without book cradle

Book Cradle
- 10 cm / 10 kg
- Up to 20 cm thickness without glass use
- Removable to digitize large thin documents
- Up and down motions
- Auto levelling balance system
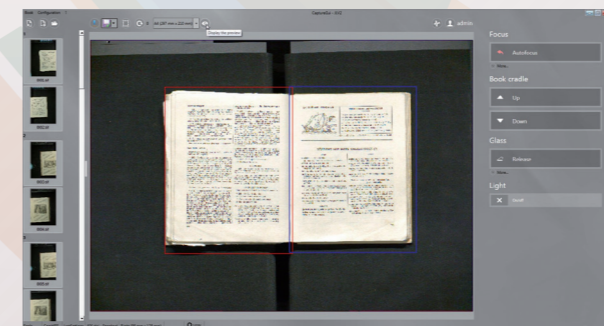- Motorized book cradle with front control panel

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Software

LIMB CAPTURE

Windows

- 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 A2 400dpi	CopiBook OS A2 XD 600dpi
Type	A2+ format planetary book scanner	
Scan Format	440 x 635 mm (400dpi), with glass down and books up to 10 cm thickness 400 x 570 mm (400dpi), with glass up and books up to 20 cm thickness 510 x 720 mm (350dpi), without book cradle	440 x 635 mm (600dpi), with glass down and books up to 10 cm thickness 400 x 570 mm (600dpi), with glass up and books up to 20 cm thickness 510 x 720 mm (500dpi), without book cradle
Scan Mode	Color, Grayscale, Black & White, 36 bits input / 24 bits output	
Scan Time 400 dpi	<1 sec on A2+ format, 400 dpi in color	<1 sec on A2+ format, 400 dpi in color
600 dpi	Interpolated from 400 dpi	<4 sec on A2+ format, 600 dpi in color
Cycle time 400 dpi	<3 sec on A2+ format, 400 dpi in color, TIFF file	<3 sec on A2+ format, 400 dpi in color, TIFF file
600 dpi	Interpolated from 400 dpi	<11 sec on A2+ format, 600 dpi in color, TIFF file
File Formats	TIFF, TIFF multipage , JPEG, JPEG2000, BMP, PDF, PDF multipage, PNG, DNG	
Camera	EAGLE / E-HRIS: 71MPixels, matrix sensor camera, auto focus, no mechanical shutter USB 3	E-XTRA: 156 MPixels, matrix sensor camera, auto focus, no mechanical shutter USB 3
Optical resolution	400 x 400 dpi	600 x 600 dpi
Maximum resolution	1000 x 1000 dpi	1000 x 1000 dpi
Scanner interface	USB 3.0	
Interface software	LIMB Capture Software, operated by Windows 7,8,10 / 64 bits	
Accessories	100° VShape book holder (compliant with the motorized book cradle)	
Dimensions	Scanner : 1002mm (39.42") x 740mm (29.13") x 1364mm (53.70") Book Cradle : 842mm (33.15") x 720mm (28.35") x 167mm (6.57")	
Weight	Scanner (without Book Cradle) : 53 kg (116.53 lbs) Motorized Book Cradle: 43 kg (94.80 lbs)	
Power requirements	100v – 240v , 50Hz 60Hz, 300 VA 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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