CopiBook
Open System

THE SCANNER YOU TRUST

i2S

be visionary

CopiBook OS, a scanner compliant with the ISO 19264 standard

Backed by 10 years of experience, the CopiBook range kept on improving thanks to multiple innovations, enhancing technological performance and image quality over time.

The fourth generation of CopiBook range has been designed to satisfy the most demanding end-users, especially in terms of image quality, productivity, robustness, and user-friendliness. This search for excellence corresponds to i2S strategy and endeavours. Image quality being at the core of i2S concerns, **CopiBook OS is compliant with ISO 19264 standard, Metamorfoze Light** and **FADGI***** image quality guidelines.

With its **USB 3.0 71 Mpixels autofocus camera called Eagle**, CopiBook OS is one of a few scanners on A2 segment which is compliant with those standards. It comes with **real time color previews**, which allow to control the scan result before scanning. Scan can be done on the whole format or on multiple specific areas thanks to the possibility to manage multiple saving frames. The eagle camera is designed and produced by i2S; this is our latest technology and is the result of 37 years of experience in digital imaging and processing.

In order to better match end-users requirements, i2S made this new CopiBook model an "**Open System**". It means that it is configurable, open, easy to use and gentle.

CopiBook OS is driven by **LIMB Capture** software and can be easily connected to i2S **LIMB software suite**. It allows managing the entire digitization workflow thanks to **LIMB Maestro**, enriching images with **LIMB Processing**, and creating ready to publish images into **LIMB Gallery**, our digital library solution.

At last, the CopiBook OS fills your expectations and fits to your needs.

> *The CopiBook OS is compliant with the **ISO 19264**. Scan time is less than 1 sec with EAGLE 71 MP camera With the **real time preview** and automatic format detection, the CopiBook OS is driven by **LIMB Capture** and totally configurable according to your needs.*

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

Some references - They trust our solutions

- Carneggie Mellon – Pittsburgh, PA
- University of Michigan
- Library of Quebec
- **Texas** State Library and Archives Commission – Austin, TX
- National Archive of **Mexico**
- University of **Florida** – Gainesville, FL
- National Archive of **Peru**
- National Library of **Chile**
- National Archive of **Argentina**
- National Library of **France**
- National archives of **France**
- Ministry of Culture **Spain**
- Archive of **Morocco**
- Municipality and archives **Mali**
- University of **Ghana**
- Ministry of the interior **Gabon**
- Supreme federal court of **Brazil**
- National Library of **Norway**
- State & University, library of **Düsseldorf**
- Municipal Archive of **Prague**
- National Library of **Bulgaria**
- Rome City Hall, **Italy**
- Ministry of Justice of **Tunisia**
- National Archive of **Egypt**
- University of Pretoria
- National Library of China
- National Archives of **Japan**
- National Archive of **Nepal**
- National library of **Bangladesh**
- National university of **Singapore**
- National Archive of **Indonesia**
- International Islamic University of **Malaysia**
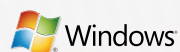- Victoria university **Melbourne**

Advantages

IMAGE QUALITY
- compliant with the **ISO 19264 standard**, **Metamorfoze and FADGI***** (300 dpi with EAGLE Camera)
- MTF at 300 dpi: **100% resolution efficiency** (about 5.9lp/mm) with EAGLE camera
  MTF at 400 dpi: **85% resolution efficiency** (>6.7lp/mm) with EAGLE camera
- **depth of field**: 9 cm (with EAGLE Camera)

PRODUCTIVITY
- **scan time in color <1sec,**
- **cycle time in color <3 sec, productivity > 1000 p/h**
- **USB 3 connection**: fast data transfer, the client can choose **the computer**
- images saved in hidden time

CONFIGURABLE
- select only the needed modules, make your scanner evolve over time
- the book cradle is mobile, to obtain a larger scan zone

OPEN
- create your own modules to complete the solution and match your need

EASY-TO-USE
- driven by LIMB Capture interface software for a better user experience
- **real time color preview before scanning**
- intuitive front touchpad, automatic glass, foot switch

CONNECTED
- USB, Hard drive, LAN
- FTP, E-mail, Printer, Cloud (WebDAV), Google Drive, Dropbox (self-service interface)

ROBUST
- **no moving parts** and **no mechanical shutter** in the camera, fixed lighting
- self-balancing and motorized book cradle, **pressure adjustment on glass plate**

AUTOMATIC
- **automatic format detection before scanning**
- **automatic calibration**
- scan launch when glass is down, self-opening glass after scanning

TRANSPORTABLE
- delivered in a wheeled crate, easily movable through doors

GENTLE
- can be operated without glass plate, dedicated book support with **V-shape accessory**, non-dazzling **LED lighting no UV, no IR**, very low noise level

Software

LIMB Capture allows saving **simultaneously several formats with frames properties**. Frames properties include file formats, destination and image processing.

LIMB Capture manages **ICC profiles**, in order to get a perfect color management of our images.
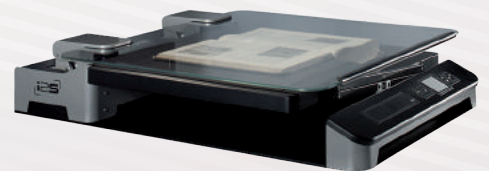Calibration is very easy and fine tune settings are accessible.

Scan can be done at **200, 300, 400 dpi up to 2xA3+ format and even at 600 dpi for smaller formats**.

Modules

Workstation

Motorized Book Cradle

Monitor

V-Shape Book Holder

Technical Specifications

Type	**A2+** format planetary book scanner
Scan format	**635 x 440 mm** (400dpi), with glass and books **up to 10 cm thickness** **570 x 400 mm** (400dpi), with glass open and books **up to 20 cm thickness** **720 x 510 mm** (350dpi), without book cradle for documents **up to 10 cm thickness**
Scan mode	Color, Grayscale, Black & White
Scan time	< 1 sec on A2 + format, 400 dpi in color
Cycle time	< 3 sec on A2+ format, 400 dpi in color, TIFF Files
File formats	TIFF (multipage) , JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG
Camera	Eagle or E-HRIS / 71 Mpixels matrix sensor camera, auto-focus, no mechanical shutter
Maximum resolution	600 x 600 dpi
Optical resolution	400 x 400 dpi
Scanner interface	USB 3.0
Interface software	LIMB Capture Software, operated by Windows 7, 8, 10 / 64 bits
Accessories	100° V-Shape book holder (compliant with the motorized book cradle)
Dimensions (L x l x h)	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) Book Cradle : 43 kg (94.80 lbs)
Power requirements	100v – 240v , 50Hz 60Hz
Warranty	1 year on spare parts and software updates, extendable to up to 5 years
Certifications	CE / FCC part 15 conformity Low voltage electrical safety EN60950 radioelectrical disturbances EN55022, EN61000 -3-2, EN61000-3-3 electromagnetic immunity EN55024

The information on this brochure is subject to change without notice. v1 October 2016

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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