7,7s
600 x 600 dpi
optical A2
color scan
time

COPIBOOK™
COBALT

Digitization made simple and productive

innovative imaging solutions

COPIBOOK™
COBALT

COPIBOOK™ range offers the best A2 book scanners on the market, since 2005, for digitizing with superior image quality and high productivity up to A2 format documents.
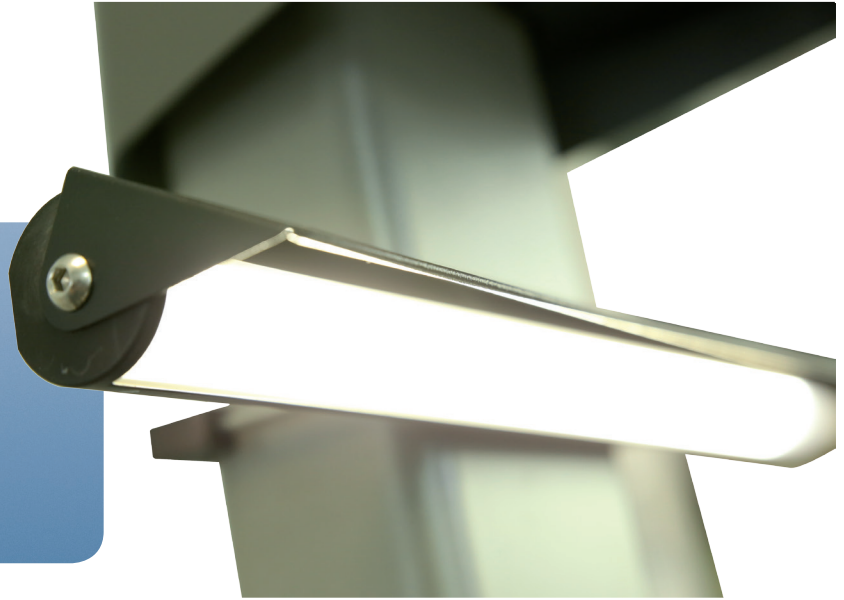
To simplify the scanning process and improve the projects' profitability, this range becomes today COPIBOOK™ Cobalt. This new generation keeps its initial unique characteristics and is enriched with innovative usages and more ergonomics. So COPIBOOK™ Cobalt makes digitization more comfortable for operators and productive for customers.

COPIBOOK™ COBALT **movie**
Scan the QR Code with your
Smartphone for watching
the movie on Internet.

NEW LIGHTING

> LED lighting bar
> No UV, no IR
> Long life lighting
> No shadow or reflection on the document
> Controlled by CopiBook software

INNOVATIVE USAGES

Digitization made simpler by choosing the way to operate :

CopiTouch™ :
New i2s application for driving CopiBook scanner
> Running on the tablet of your choice
> Dedicated to production project
> Easy to use for more efficiency
Customizing your interface
> Writing your own application
> Using dedicated functionalities
> Sharing applications with your community
CopiBook software updated with more ergonomics:
> Full and free API
> Based on an updated Linux OS
> Made more user-friendly

UNIQUE FEATURES

> Real time preview
> Automatic region of interest
> Automatic page cropping
> Automatic calibration
> Page turning detection
> Embedded processing
> Multilingual
> Remote maintenance function
> Able to digitize in ambient light
> 5 cm depth of field at 400 dpi and 600 dpi
> Stand-alone scanning station

ERGONOMICS

> Multi-automatic and intuitive capture modes (glass, foot switch, flip page detection)
> Book cradle with easy access from three sides
> Sitting or standing operating modes
> Non aggressive lighting (LED)
> A 16:9 23" HD screen for a real time optimized image quality control

LIGHTING AND NO LIGHTING

i2s thirty years of experience in capture and image processing allow i2s Digibook to offer the only high-quality scanner able to digitize in ambient light. This exclusive capacity on the market has a direct impact on projects' ROI. However, if your scanning conditions require additional light, the professional LED lighting can be turned on.

FAST
7,7 s scan time at 600 x 600dpi in color whatever the document format

VERSATILITY
CopiTouch application; Sharing applications with the community

IMAGE QUALITY
ΔE < 5
5 cm depth of field at 400 & 600 dpi!

ERGONOMICS
Fully optimized user's operations and manipulation
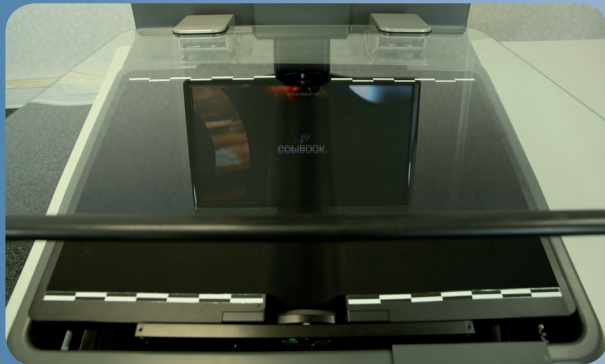
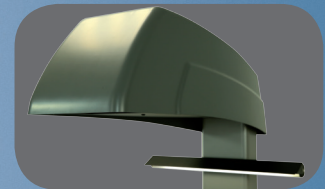## DESIGN
Enter a new uncluttered and sleek design

EASY
Fully automatic calibration and intuitive interface

BOOK CRADLE

> The book cradle covers document formats up to 420 x 640 mm (16.5 x 25.2").
> The maximum thickness is 10 cm for a maximum of 10 kg (3.9" / 22 lbs).
> Motorized up and down motion.
> Self-opening embedded glass with very safe pressure adjustment.
> Automatic capture when pulling down the glass.
> 90° glass parking position when scanning without glass.

CAMERA

> CCD camera with matrix sensor
> From 200 to 600 dpi on A2 format:
COPIBOOK™ Cobalt model:
    - Optical resolution: 400x400 dpi
    - Scan time for A2 format at 400 dpi:
    • 3,4 sec in color • 1,4 sec in greyscale
COPIBOOK™ Cobalt HD model:
    - Optical resolution: 600x600 dpi
    - Scan time for A2 format at 600 dpi:
    • 7,7 sec in color • 5,5 sec in greyscale
> No mechanical shutter: long life cycle camera
> No bayer filter: full sensor resolution for R, G & B channels
> Real-time preview
> Fully automatic focus, black and white balance, calibration, auto-exposure
> Same speed whatever the document format
> Document format automatic detection

COPIBOOK™ ASSISTANT

CopiBook™ Assistant is a software extension that comes with CopiBook™ scanner and should be installed on a third computer. CopiBook™ Assistant is an administration software offering locally or remotely three major functions:
> Control and manage the configurations of one or more CopiBook™ scanners,
> Update the firmware, the software or the language catalogue,
> Control the CopiBook™ scanners for diagnosis and assistance when troubleshooting.

SCREEN

Screen 16:9 Full HD
> Flat screen 23"
> 1920x1080 resolution, Full HD

COPIBOOK™ REFERENCES

Since 2005, more than **1.300 COPIBOOK™** have been sold worldwide to about **850 customers**.
These customers are libraries, archives, universities, academies, town halls and governmental organizations as well as services providers or other private structures.

"The library of Senate of Brazil started a project in May 2011 to digitize its rare books collection gathering approximately 8 000 unique books about history of Brazil. This project aims at widely diffusing the information about Brazil history through the Senate Library internet portal. The Brazilian senators are young, technology addicted and willing to get access on their iPhones or iPads to historical information about Brazil in no time, wherever they stay. Two units of i2S CopiBook™ RGB scanners have been bought to achieve this project. So far about 20 000 new pages are digitized every month enriching the Senate digital library."
Simone BASTOS VIEIRA
director of the Library of Senate, Brasil

"We took delivery of the very first CopiBook™ in the US with the new 600 x 600 dpi scanhead. It's a multi-purpose workhorse and can handle anything both flat and bound. In the last two weeks alone, it's scanned newspapers, mass market paperback romance novels for ebook conversion, a small historical conversion project of rare books and an oversized scrapbook of letters. I will say that these machines are the next step up from the rest of the market offer. We looked at everything out there, and in terms of pure technical image quality and feature set, the CopiBook™ HD came out on top."
Jim STUDNICKI
president of Creekside Digital, service provider, Maryland, USA

- National Library of France
- LDS Church
- Ministry of Algerian Defense
- University of Florida
- Instituto de Estudos Brazilieros de São Paolo
- National Library of Spain
- Botanical Garden University of Catania
- TIB-Technical Information Library of Hanover
- National Archives of Dominican Republic
- National Library of Norway
- Bucharest Metropolitan Library
- Pushkin Museum of Fine Arts

- Lausanne University
- Royal Malaysian Police
- National Library of China
- Comune di Roma
- National Library of Bulgaria
- Landesbibliothek Linz
- Université Catholique de Louvain
- Sofia University St. Kliment Ohridski
- National Library of Technology
- Muenster Archives
- University of California, Los Angeles
- National Library of Slovakia

COPIBOOK™ COBALT RANGE

The new COPIBOOK™ Cobalt range comes with two models :
> COPIBOOK™ Cobalt (up to 400 dpi optical)
> COPIBOOK™ Cobalt HD (up to 600 dpi optical).

i2S DIGIBOOK

Since 2000, i2S DigiBook has been designing, manufacturing and marketing scanners for books, maps and any type of bound documents up to 2xA0 format, as well as dedicated image-processing software suites. In 2011, i2S group has acquired Kirtas Technologies becoming the largest group in the world for Cultural and Administrative Heritage digitization and web-promotion solutions.

By being present in 80 countries, involved in research and development programs (Polinum), partner in national digitization programs and with hundreds of thousands documents housed and printable on demand, i2S

DigiBook has started to build the most complete offer to help all public or private heritage organizations to manage with success their digitization, enrichment, long term storage, dissemination and return on investments objectives.

IMAGE QUALITY:
30 YEARS OF KNOWLEDGE

i2S DigiBook is part of the i2S Group internationally well-known in industrial vision. i2S Group's high level of knowledge in image technologies (sensors, optics, electronics, lighting, image processing) allows i2S DigiBook to offer you the best components to design its premium cameras.

TECHNICAL SPECIFICATIONS

DIGITIZATION

TYPE	Planetary scanner
MODELS	COPIBOOK™ COBALT COPIBOOK™ COBALT HD
CAMERA COPIBOOK™ COBALT COPIBOOK™ COBALT HD	CCD area sensor 3 x 63 Mpixels (R, G, B) 3 x 140 Mpixels (R, G, B)
OPTICAL RESOLUTIONS COPIBOOK™ COBALT COPIBOOK™ COBALT HD **All formats**	 400 x 400 dpi optical on A2 format 600 x 600 dpi optical on A2 format 200 x 200 dpi to 600 x 600 dpi
OUTPUT: 2 modes	> 24 bits for color, 8 bits in grayscale, 1 bit in binary > 36 bits for color, 12 bits in grayscale, 1 bit in binary
SETTINGS	Fully automatic settings: focus, exposure time, white balance, format detection
LIGHTING CORRECTION	Embedded and in real time
DRIVERS	TWAIN - API

SIZES HANDLED

FORMATS	DIN A2 / D (2 x A3)
MAXIMUM DIMENSIONS	**420 mm** (16.5") **(h)** x **640 mm** (25.2") **(w)**
MAXIMUM THICKNESS	10 cm (3.9")
MAXIMUM WEIGHT	10 kg (22 lbs)

IMAGES

MIN. SCREEN RESOLUTION	1920 (w) x 1080 (h) pixels
ENHANCEMENTS	Deskew, thresholding, finger masking, curvature correction
STORAGE	High speed image transfer via Giga-Ethernet output
FILE FORMATS	TIFF, TIFF G4, Multipage TIFF, TIFF 12 Bits, JPEG, BMP, JPEG 2000, PDF, Multipage PDF
SAVING	Images saved during scanning process 1 Terabyte Hard Disk buffer

SCAN TIME

	COBALT		COBALT HD	
	BW	**RGB**	**BW**	**RGB**
at 400 x 400 dpi optical on A2 format	1,4s	3,4s	2,7s	4,6s
at 600 x 600 dpi optical on A2 format	NA	NA	5,5s	7,7s

SOFTWARE

LANGUAGES	Multilingual operator interface
SAVING	Images saved during scanning process
SCAN SEQUENCES	Next scan launches immediately after the previous scan is done
IMAGE CONTROL	Image displays during scanning
COLOR PROFILE	ICC profile management
IMAGE PROCESSING	Processing and compression during scanning
OPTIONAL PROCESSING	LIMB : content conversion software to process, enrich and convert collections into digital assets. Including image processing for common tasks but also unique image processing (like background removal, page curvature correction, lighting correction, text centering, detection of illustrations …)

OTHERS

ACCESSORIES INCLUDED	16:9 screen 23" (Vesa 100) Footswitch, mouse
OUTPUTS	6 x USB 2.0; 1 x Gigabit Ethernet
WARRANTY	12 months hardware and software warranty included Warranty extensions available up to 5 years

PHYSICAL CHARACTERISTICS

DIMENSION	L 782 mm (30.7") x l 961 mm (37.8") x h 1121 mm (44.1")
TOTAL WEIGHT	74 kg (163 lbs)
ELECTRICAL POWER	220 V – 50 Hz, 110 V – 60 Hz 300 VA max
OPERATING TEMPERATURE	Between 10°C / 50°F and 30° / 86°F
CERTIFICATIONS	CE / FCC part 15 conformity Low voltage electrical safety EN60950 radioelectrical disturbances EN55022, EN61000-3-2, EN61000-3-3 electromagnetic immunity EN55024

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i2S
innovative imaging solutions

ISO 9001
BUREAU VERITAS
Certification
1828

The information on this brochure is subject to change without notice. v1.5 December 2015