

SUPRASCAN

QUARTZ A0 LED

QUARTZ A0 HD LED

BETTER, FASTER, SHARPER



i2s
be visionary

SupraScan Quartz A0 Led and Quartz A0 HD Led, scanners compliant with the ISO 19264 standard



Backed by 17 years of experience, the SupraScan range kept on improving thanks to multiple innovations, enhancing technological performance and image quality over time.

The third generation of SupraScan range has been designed to satisfy the most demanding end-users, especially in terms of image quality. This search for excellence corresponds to i2S strategy and

endeavours. Image quality being at the core of i2S concerns, **SupraScan Quartz A0 Led and Quartz A0 HD Led are compliant with ISO 19264 standard, Metamorfoze and FADGI image quality guidelines.**

The SupraScan Quartz A0 Led and Quartz A0 HD Led offer **innovative features** like **the relief enhancement** and **glare control system**. Thanks to optical and lighting innovation, **relief enhancement** features enables perfect reproduction of works of art such as paintings, drawings and antique works of art; **glare control** feature enables scanning any glossy documents even blister packed document.

Cameras are designed and produced by i2S; these are the result of many years of experience in digital imaging and processing.

The SupraScan Quartz A0 Led and Quartz A0 HD Led have been optimized and come today with the best solution with all in one: **image quality, productivity, configurable, easy to use and large.**

SupraScan range is driven by Yooscan 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.

LIMB Software allows to manage your documents workflow in terms of image quality and efficiency.

At last, the SupraScan Quartz A0 Led and Quartz A0 HD Led fill your expectations and fit to your needs.



Some references - They trust our solutions



Advantages



IMAGE QUALITY

- compliant with **ISO 19264**, **Metamorfoze** and **FADGI**
- up to 16 lp/mm at 1000 dpi
- up to 9 lp/mm at 600 dpi

LARGE

- up to 1300 x 919 mm (51,2' x 36,2' in) - Quartz A0 LED without glass plate
- up to 1300 x 908 mm (51,2' x 35,7' in) - Quartz A0 HD LED without glass plate
- up to 1250 x 850 mm (49,2' x 33,5' in) - with glass plate

PRODUCTIVITY

- scan time on A0 format < 34 sec with Quartz A0 HD Led model,
- scan time on A0 format < 9 sec with Quartz A0 Led model

CONFIGURABLE

- **2 optional models of book cradle: 25 or 40 cm**
- Motorized with electronic commands (no air compressor) and has an A0 glass plate with automated pressure and controls on the book.
- The scan can be done **without contact on the glass plate**.
- The constant level of the document simplifies the daily use of the scanner by eliminating the need to setup the camera for each document.

LIGHTING

- **no UV, no IR**
- **glare control**
- **relief details enhancement**
- no warm up

ROBUST

- **no mechanical camera shutter**
- smart autobalancing system

EASY-TO-USE

- driven by Yooscan software
- **multiple saving frame** with customize outputs
- glass easily removable (1 person and 10 seconds)
- independant of ambient light

SAFE

- glass stop if any obstacle
- **non-dazzling** LED lighting
- **Security sensors** detect intrusions between the glass plate and the book cradle and release pressure or stop the glass plate move.

AUTOMATIC

- **automatic calibration**
- Motorized book cradle and glass plate

Software

Modules



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

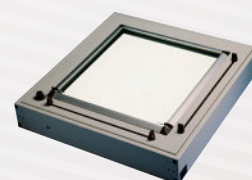
Yooscan manages **ICC profiles**, in order to get a perfect color management of our images. Calibration is very easy and fine tune settings are accessible.

Production environnement: login, metadata tagging, METS outputs and so on.



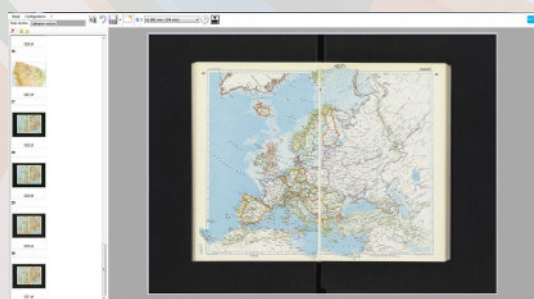
V-SHAPE CRADLE

to digitize at 90° for fragile bounded document up to 2xA1 format.



LIGHT TABLE

to digitize transparent documents (glass plates, negatives or positives, etc.)



BOOK CRADLE

2 optional book cradle 25 or 40

...AND THE VACCUM TABLE

Technical Specifications

<u>Type</u>	A0 format planetary book scanner
<u>Camera</u>	Tri-linear sensor Automatic Focus (A0 HD LED)
<u>Optical resolution</u>	300 x 300 dpi on A0 format (QUARTZ A0 LED model) 600 x 600 dpi on A0 format (QUARTZ A0 HD LED model) 1000 x 1000 dpi on A2 format (QUARTZ A0 HD LED model)
<u>Scan time</u>	8,5 sec at 300 dpi - A0 Led model 17 sec at 300 dpi - A0 HD Led model 22,4 sec 400 dpi - A0 Led model 23 sec 400 dpi - A0 HD Led model 34 sec at 600 dpi - A0 HD Led model
<u>File formats</u>	TIFF (multipage) , JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG
<u>Interface software</u>	Yooscan, operated by Windows 7, 8, 10 / 64 bits
<u>Accessories</u>	Motorized book cradle 25 or book cradle 40 Scanning area : Book cradle 25 : up to 1100x 630 mm / 43,3 x 24.8 in. (open book) Book cradle 40 : up to 1250 x 850 mm / 49,2 x 33,5 in. (open book) Document thickness : Book cradle 25 : up to 25 cm / 9.84 in. Book cradle 40 : up to 40 cm / 15.75 in. Document weight : Book cradle 25 : up to 25 kg / 55.12 lb. Book cradle 40 : up to 40 kg / 88.18 lb.
<u>Dimensions (L x l x h)</u>	Scanner : 2530 mm (99,6') x 1710 mm (63,3'') x 2350 mm (92,5')
<u>Weight</u>	Scanner : 225 kg (374,8 lbs) Book cradle 25: 165 kg (363,8') Book cradle 40: 280 kg (617,3)
<u>Power requirements</u>	100v – 240v , 50Hz 60Hz 300 VA max
<u>Warranty</u>	1 year on spare parts and software updates, extendable to up to 5 years
<u>Certifications</u>	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 April 2017

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.



3620 N. Josey Lane, Suite 103
Carrollton, TX 75007
(972) 492-0930 | sales@iiri.com

i2s Distributor for the
United States
www.iiri.com

