

SUPRASCAN

QUARTZ 2A0

THE ULTIMATE SCANNER FOR OVERSIZED DOCUMENTS



i2S
be visionary

Combining high image quality and ergonomics for oversized documents and paintings

SupraScan QUARTZ HD 2A0 scanner is compliant with both FADGI and Metamorfoze international preservation imaging guidelines, and digitizes up to 800x800 dpi optical.

The SupraScan Quartz 2A0 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.



Easy and powerful, SupraScan QUARTZ HD 2A0 offers the best conditions for digitizing day after day.

For making easier to position large and delicate works, the SupraScan QUARTZ HD 2A0 scanner is equipped with a motorized cradle, upwards and downwards mobility. It can support weights up to 100 kg, and the scan level can reach 100 mm.

In addition, all aspects have been studied to maximize operators' productivity and comfort: command panel location, scan process, lighting configuration (below the operator's eyes level), accessibility from 3 sides, easy-to-use software interface, and completely silent scanner

SupraScan QUARTZ HD 2A0 is the largest scanner digitizing with the greatest respect to the original

Some references - They trust our solutions



Image Quality

- Up to 800 dpi optical
- No mechanical camera shutter
- Camera remains perpendicular to the document center: no distortions

LED Lighting

- Lighting adjustment to enhance relief on documents or objects
- Glare free system even on highly reflective documents



Glare control system



Relief enhancement

Productivity

- scan time on 2A0 format = 32s at 400 x 400 dpi
- scan time on 2A0 format = 24s at 300 x 300 dpi
- scan time on 2A0 format = 24s at 400 x 400 dpi

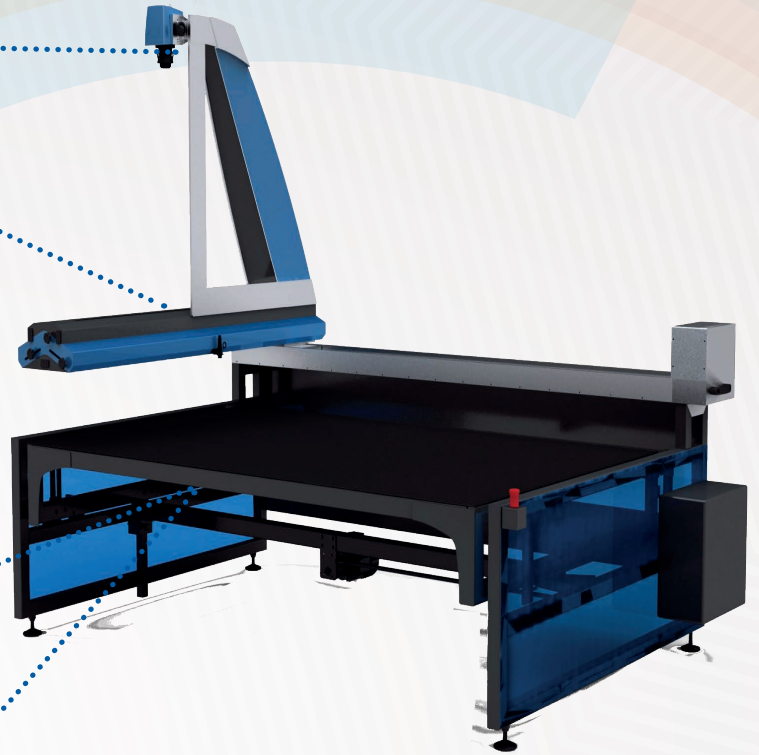
Large format

- up to 1800 mm (70.8") x 1200 mm (47.2")

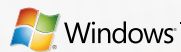
Ergonomic

- 2 x A0 format tray (manual pull & push) supporting up to 100 kg (220 lbs) / 100 mm (39.4") thickness
- Accessibility from the right, left or front sides
- Motorized table, upwards and downwards mobility

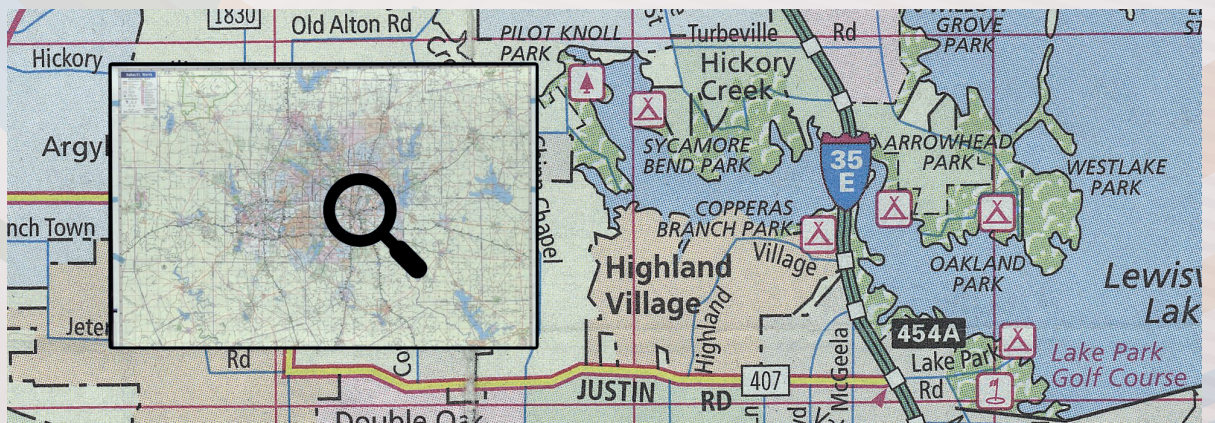
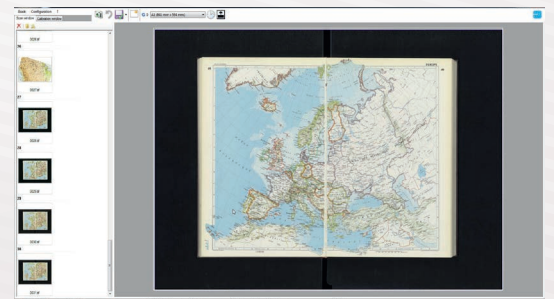
Compliant with Metamorfoze and FADGI 4* standards



Software



- ROI (limiting the scan area to the width of the document being scanned)
- Image displayed during scanning
- Multi frame management: saving multiple files from one scan
- Automatic format detection
- Auto-focus (HD Model)
- Real-time lighting correction
- Light "On" only during scanning
- Automatic calibration & Fine tune calibration menu
- ICC Profile management
- Thumbnails flow
- Production environment: login, metadata tagging, METS outputs
- Multilingual operator interface
- Embedded image processings (live deskew, live cropping, finger masking, details enhancement, contrast enhancement...)



Technical Specifications

Type	2A0 format planetary book scanner
Camera	Tri-linear sensor
Optical resolution	400 x 400 dpi on 2A0 format 200 x 200 dpi to 800 x 800 dpi
Scan time	• 32 sec at 400 dpi on 2A0 format • 24 sec 300 dpi on 2A0 format
File formats	TIFF, TIFF (multipage) , JPEG, JPEG2000, BMP, PDF, PDF (multipage), PNG, DNG
Interface software	Limb Capture operated by Windows 7, 8, 10 / 64 bits
Book cradle	USB footswitch, ColorCheker 24 patches test chart; PC; mouse and keyboard
Dimensions (L x l x h)	Scanner : 2650 mm (104.3") x 1950 mm (76.8") x 2300 mm (90.6')
Weight	Scanner 927 kg (2039.4 lbs)
Power requirements	110v – 220v , 50Hz 60Hz 300 VA max
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

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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