

# SUPRASCAN

## QUARTZ 2A0

THE ULTIMATE SCANNER FOR OVERSIZED DOCUMENTS



**i2S**  
be visionary



## 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

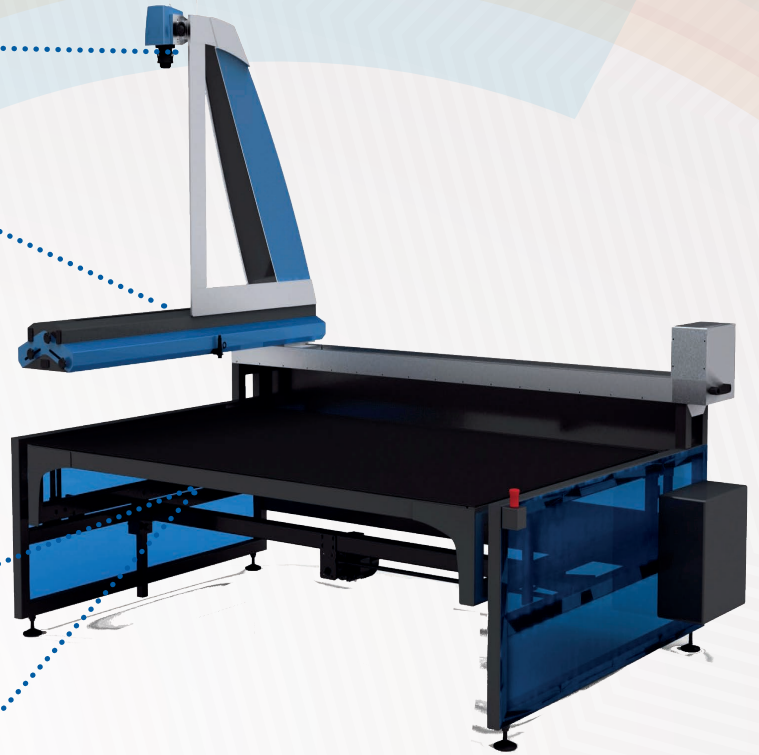
## Large format

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

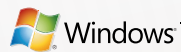
## Ergonomic

- 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

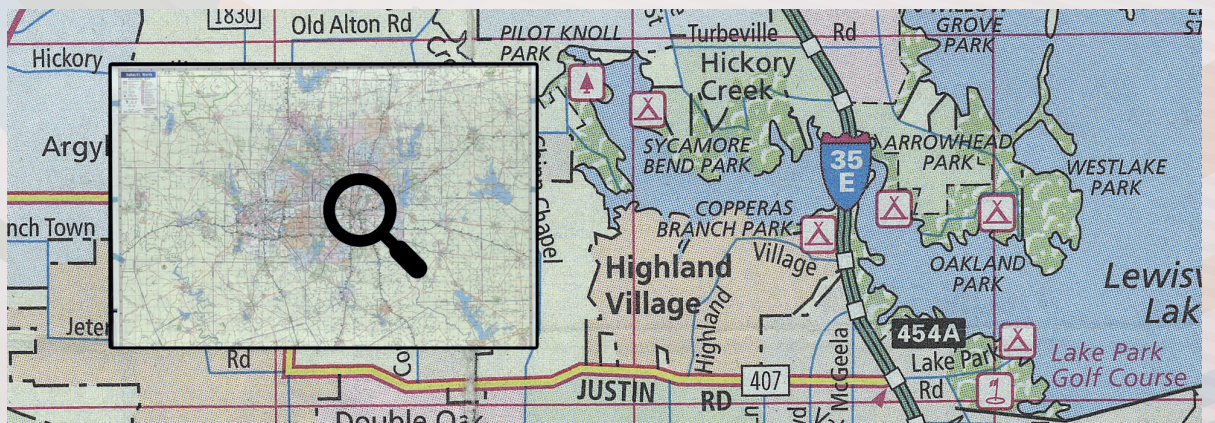
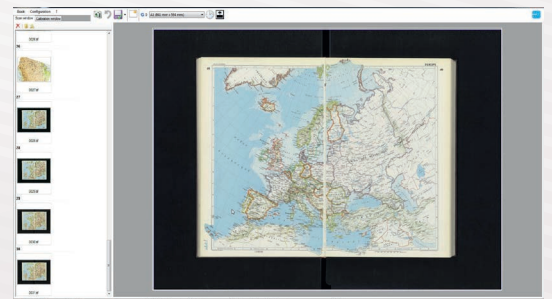
Compliant with Metamorfoze and FADGI 4\* standards



## 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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i2S Innovative Imaging  
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