

NEW

QUARTZ A0/ A0HD

*Unequalled image quality,
Twice as fast*



EXCELLENCE AT YOUR FINGERTIPS

i2S
be visionary

QUARTZ A0 & A0HD

The combination of image quality and speed

SCANNERS WITH LINE SENSORS

VERSATILE LED LIGHTING SYSTEM

Reflection management

→ Best solution for gold & books illuminations

Glare free system

→ Digitize highly reflective documents

Light intensity and left/right adjustments

→ Enhancement of relief on documents or objects

Color Rendering Index >90

→ Excellent colour reproduction

Professional UV/IR free system

→ No damage to documents



GLARE CONTROL SYSTEM

RELIEF ENHANCEMENT



THE HIGHEST LEVEL OF IMAGE QUALITY

Tri-linear RGB sensor

→ No moiré pattern

Camera remains perpendicular to the document center

→ No distortions

MTF at 400 dpi: >90% resolution efficiency (>7lp/mm)

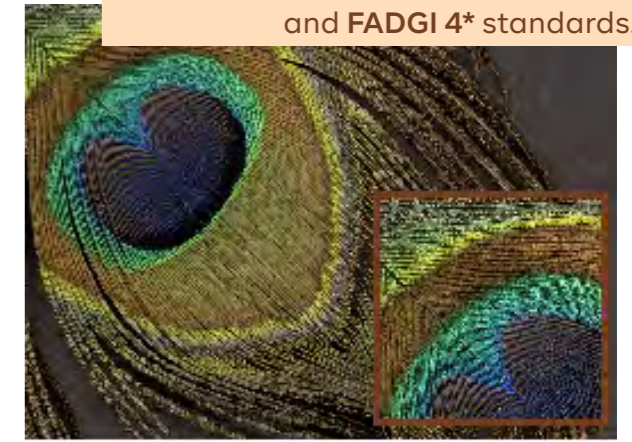
→ For the largest documents (A0)

MTF at 1000 dpi: >90% resolution efficiency (>18lp/mm)

→ For the smallest documents



Quartz A0 HD is compliant with
ISO 19264-1/A, Metamorfoze Full
and FADGI 4* standards.



HIGH LEVEL OF PRODUCTIVITY AND ERGONOMICS

Scan time for standard and HD models: 8.5s at 300 dpi

Scan time for HD model (A0 HD): 17s at 600 dpi

→ Cycle time divided by two on HD models

New USB 3.0 output

→ Large choice of PC

No mechanical camera shutter

→ Less spare parts, more reliable scanners

COMPLETE AND OPTIMIZED BOOK CRADLE

Book thickness: up to 40 cm

→ Several options to accommodate different collection types

Pressure sensor and Roberval balance system

→ Protection of your delicate materials

1 or 2 steps to drive glass up/down

→ Adjust speed and level for fragile or flat documents

Automatic and removable glass plate

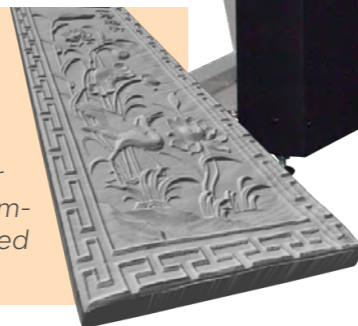
→ Combination of high productivity and ergonomics

Accessory: V-Book holder 2xA1

→ Digitization at a restricted angle

3D SCAN TECHNOLOGY INSIDE

Best 3D imaging solution for
documents with relief and embossed
surfaces like engraved
tablets, paintings, ...



TWO SCANNERS LARGE FORMAT

QUARTZ A0: up to 1300 x 919 (mm) / (51.2" x 36.2")

QUARTZ A0 HD: up to 1300 x 927 (mm) / (51.2" x 36.4")

TECHNICAL SPECIFICATIONS

QUARTZ A0 & A0 HD



Type	A0+ format planetary book scanner	
Camera	Tri-linear sensor Automatic Focus (HD Model)	
Optical resolution	300 x 300 dpi on A0 format 600 x 600 dpi on A0 format (HD Model) up to 1000 x 1000 dpi on smaller formats (standard & HD Models)	
Scan time	<ul style="list-style-type: none"> • 8.5 sec at 300 dpi 	<ul style="list-style-type: none"> • 8.5 sec at 300 dpi - HD Model • 12 sec at 400 dpi - HD Model • 17 sec at 600 dpi - HD Model
File formats	TIFF (multipage), JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG	
Interface software	Limb Capture operated by Windows 10/11 64 bits	
Book cradle	Motorized book cradle 40 cm Scanning area (with glass): up to 1250 x 850 mm / 49.2" x 33.5" (open book) Document thickness: up to 40cm / 15.7" Document weight: up to 40 kg / 88 lb	
Dimensions (L x l x h)	Scanner with BC : 2530 mm (99.6") x 1710 mm (67.3") x 2350 mm (92.5")	
Weight	Scanner (with BC40): 335kg (738.5 lbs)	
Power requirements	100V - 240V, 50Hz 60 Hz 500 VA max	
Warranty	1 year on spare parts and software updates (extension available).	
Certifications	CE/FCC part 15 conformity, Low voltage electrical safety EN 62368-1 radioelectrical disturbances EN55022, EN61000-3-2, EN61000-3-3 electromagnetic immunity EN 55024	



Both scanners are compatible with all digisolution software

ABOUT DIGIBOOK



50 international partners

5000
SCANNERS

sold worldwide



+ 10 millions scanned pages per year



IMAGE
RETRIEVAL

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

i2s Distributor for the United States
www.iiri.com