



# Quartz A1 & A1 HD

*Unequalled image quality,  
Twice as fast*



Digibook

*Heritage digitization*



# Quartz A1 & A1 HD

*Scanners with line sensors*

## Versatile 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*



## 3D Technology



Documents with relief

Embossed surfaces

Engraved tablets

Paintings, ...



# — The highest level *of image quality*

**Tri-linear RGB sensor**

✓ *No moiré pattern*

**Camera remains perpendicular** to the document center

✓ *No distortions*

**MTF at 600 dpi : >90% resolution efficiency (>10,6lp/mm)**

✓ *For the largest documents (A1)*

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

✓ *For the smallest documents*



Quartz A1 HD is compliant with **ISO 19264-1/A, Metamorfoze Full and FADGI 4\*** standards.



## *Scan* Format

**Quartz A1:** up to 1030 x 643 (mm) / (40.5" x 25.3")

**Quartz A1 HD:** up to 1030 x 618 (mm) / (40.5" x 24.3")

## High level of *productivity and ergonomics*

**Scan time** for A1 & A1 HD: **6s** at 300 dpi

**Scan time** for A1 HD: **12s** at 600 dpi

✓ *Cycle time divided by two on HD models*

**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 **25 cm or 40 cm**

✓ *Several options to accommodate different collection types*

**Pressure sensor and Roberval balance system**

✓ *Protection of your delicate materials*

**Automatic and removable glass plate**

✓ *Combination of high productivity and ergonomics*

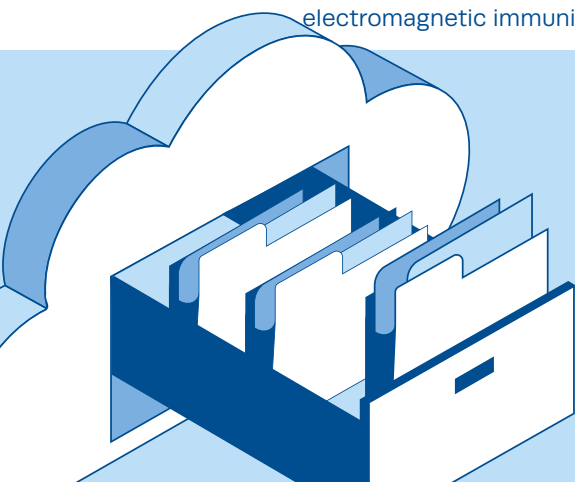
**Accessory : V-Book holder** 2xA2 and 2xA1

✓ *Digitization at a restricted angle*

# Quartz A1 & A1 HD

## Technical specifications

|                        |                                                                                                                                                                                                                                                                                                                                                 |                                                                                            |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| TYPE                   | A1+format planetary book scanner                                                                                                                                                                                                                                                                                                                |                                                                                            |
| CAMERA                 | Tri-linear sensor<br>Automatic Focus (HD Model)                                                                                                                                                                                                                                                                                                 |                                                                                            |
| OPTICAL RESOLUTION     | 400 x 400 dpi on A1 format / 600 x 600 dpi on A1 format (HD Model)<br>up to 1000 x 1000 dpi on smaller formats (standard & HD Models)                                                                                                                                                                                                           |                                                                                            |
| SCAN TIME              | 6 sec at 300 dpi<br>8 sec at 400 dpi                                                                                                                                                                                                                                                                                                            | 6 sec at 300 dpi - HD Model<br>8 sec at 400 dpi - HD Model<br>12 sec at 600 dpi - HD Model |
| FILE FORMATS           | TIFF (multipages), JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG                                                                                                                                                                                                                                                                               |                                                                                            |
| INTERFACE SOFTWARE     | Limb Capture operated by Windows 10, 11                                                                                                                                                                                                                                                                                                         |                                                                                            |
| BOOK CRADLE            | Motorized book cradle 25 cm or book cradle 40 cm<br>Scanning area:<br>- Quartz A1: up to 1030 x 643 (mm) / 40.5" x 25.3" (open book)<br>- Quartz A1 HD: up to 1030 x 618 (mm) / 40.5" x 24.3" (open book)<br>Document thickness: up to 25cm / 9.84" // up to 40 cm / 15.75"<br>Document weight: up to 25kg / 55.12 lb // up to 40 kg / 88.18 lb |                                                                                            |
| DIMENSIONS (L X I X h) | Scanner with BC : 1990 mm (78.3") x 1620 mm (63.7") x 1840 mm (72")                                                                                                                                                                                                                                                                             |                                                                                            |
| WEIGHT                 | Scanner (with BC25): 310 kg (683.4 lbs)/ Scanner (with BC40): 335kg (738.5 lbs)                                                                                                                                                                                                                                                                 |                                                                                            |
| POWER REQUIREMENTS     | 100V - 240V AC, 50/60 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<br>radioelectrical disturbances EN55022, EN61000-3-2, EN61000-3-3<br>electromagnetic immunity EN 55024                                                                                                                                                                      |                                                                                            |



The scanner is compatible with all digisolution software

## About Digibook



50 international  
partners



5000 scanners  
sold worldwide



+ 10 millions  
scanned pages per year



Digibook