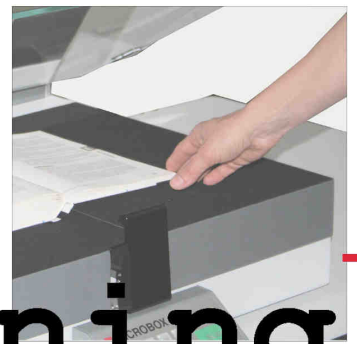
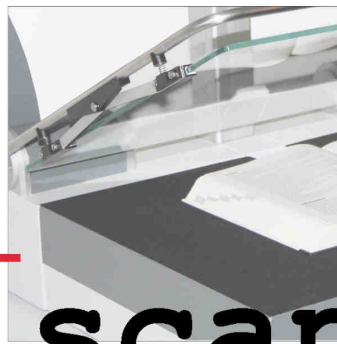


[book]



[scanning]

... feel the difference

book2net concept



book2net is an international alliance of solution providers and users whose intention is to develop practice-orientated book scanning solutions for the use in archives, libraries and museums by covering hardware, software and services.

The book2net scanners have been especially designed for converting

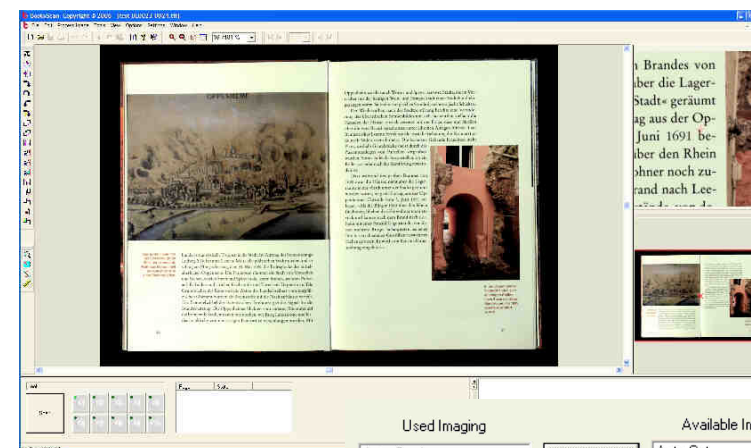
books and other historical documents to the digital world. The features of the book scanners have been developed in accordance with the specific requirements of archives, libraries and museums.

book2net focuses on the requirements and needs of the end user. These needs are reviewed and

incorporated into the development and ultimate design of the book2net range of products. Experts from libraries, hard- and software design, logistics and manufacturing worked hard to convert their ideas to real book scanners.

You are invited to share our vision!

simplicity of perfection: our book2net software



The book2net software allows to improve image quality in a very simple way!

Every book2net scanner is equipped with a full-featured image enhancement software which provides scanned files including auto quality checks in an outstanding quality. The software runs automatically as a separate thread in the background without slowing down the high productivity of the scanner.

The unique image enhancement can easily be adapted to the individual requirements by selecting functions and sequence of the image enhancement modules.

Up to 10 complete workflow profiles according to your individual requirements can be stored on short-cut buttons.

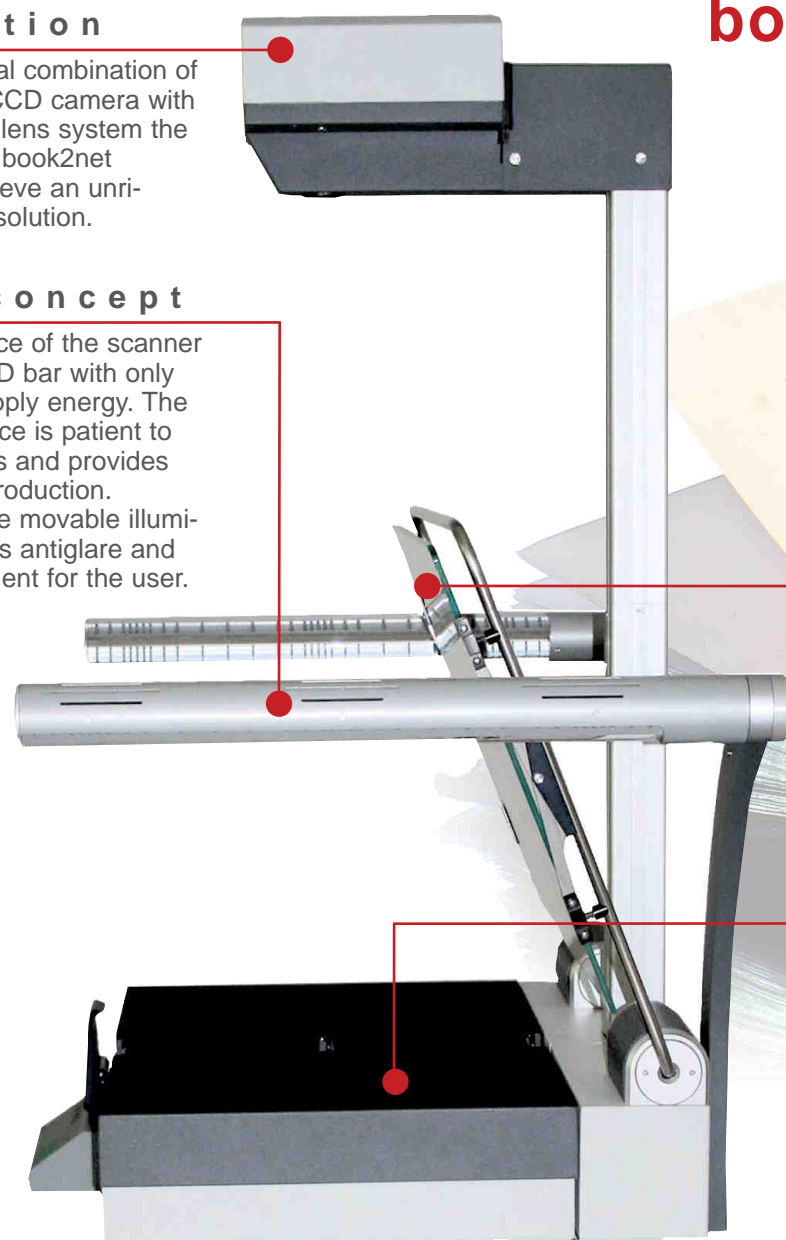
the art of book scanning

resolution

Due to an ideal combination of a high-class CCD camera with a high-quality lens system the color and b/w book2net scanners achieve an unrivalled high resolution.

light concept

The light source of the scanner is a power LED bar with only 13,2 watts supply energy. The cold light source is patient to the documents and provides best color reproduction. Because of the movable illumination strip it is antiglare and highly convenient for the user.



glass cover

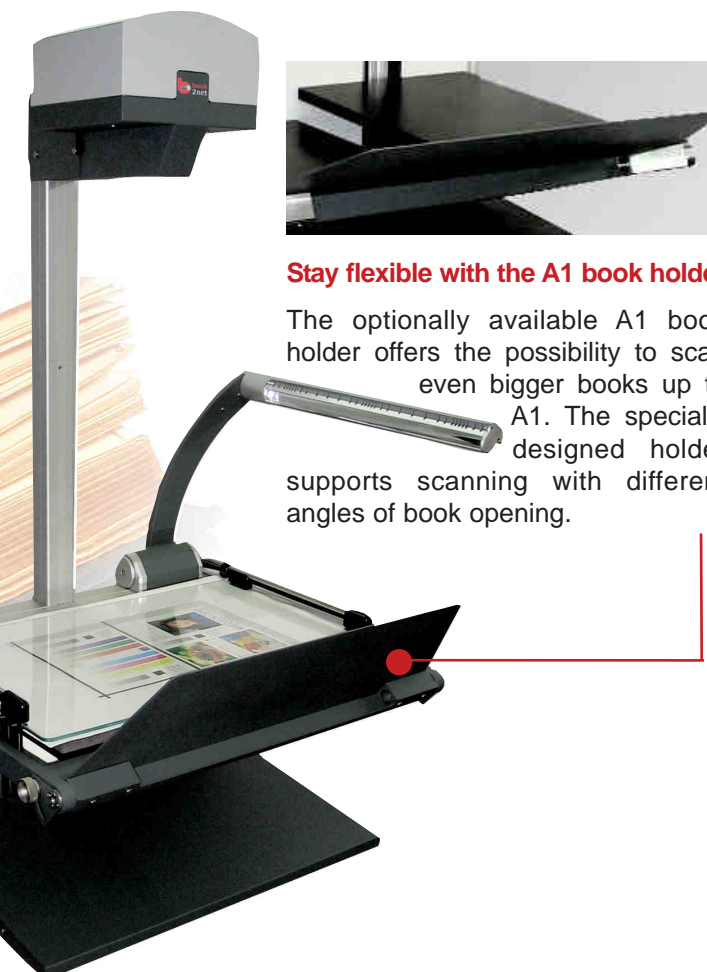
The ergonomic handrail of the high level scratch resistance glass cover and the torque spring assisted lifting enable a comfortable and easy operation.

book cradle

The book cradle covers a wide range of different document sizes and weights. Due to the advanced layout table it allows scanning of books and originals up to 650 mm x 450 mm (> A2!). Because of the book related auto-pressure adjustment it is suitable for a gentle treatment of old books.

the gentle way of book scanning

The book2net XL scanner which is already successfully utilized at the National Archive of Sweden is equipped with a book cradle that is controlled by an auto-pressure adjustment with pressure sensors in the glass plate which ensure a particularly gentle treatment of books with a spine up to 20 cm.



Stay flexible with the A1 book holder:

The optionally available A1 book holder offers the possibility to scan even bigger books up to A1. The specially designed holder supports scanning with different angles of book opening.

book2net universal film scanner



Archives, libraries and museums do not only carry books but are also responsible for saving photos, glass paint or any other kind of transparent originals.

The book2net universal film scanner supports an easy conversion process for the additional requirements of this application. Any kind of bi-tonal, grayscale and color transparent originals from A6 up to A2 can be scanned smoothly.

The applications for this unique device are:

- Digitizing glass based artwork for color reproduction
- Scanning of glass plates with photo positives
- Scanning of photos and photo negatives
- Capturing high quality color films of collections from publishers, museums and the news industry
- Converting all kinds of X-Rays in hospitals and health-related environments for diagnostic and information purpose

Technical Specifications

book2net book scanners:

Media Size:	max. 650 mm x 450 mm	
Resolution:	400 dpi (physical)	
Adjustable:	100, 200, 300, 400, 600 and 800 dpi.	
Sensor:	CCD camera with 7500 pixel	
Speed:	grayscale	color (optional)
	A2	7.50 sec. 15.00 sec.
	A3	5.30 sec. 10.60 sec.
	A4	3.75 sec. 7.50 sec.
	with additional speed kit @300 dpi (optional)	
	grayscale	color (optional)
	A2	3.75 sec. 7.50 sec.
	A3	2.65 sec. 5.30 sec.
	A4	1.87 sec. 3.75 sec.
Light source:	PowerLED's 2 x 13,2 Watt	
PC-interface:	USB 2.0 standard	
Book cradles:	- book2net standard: for books with spine up to 7 cm - book2net XL: for books with spine up to 20 cm	
Software:	Microbox PowerScan	
Operating system:	Windows XP* with SP2 or Windows Vista* (* 32-bit)	
Memory:	1 gigabyte (grayscale) / 2 gigabyte (color)	
Hard disc:	40 gigabyte (grayscale) / 200 gigabyte (color)	

Image formats:	black/white, 8-bit grey-scale or 24-bit colour image (optional)
Output formats:	<u>24-bit Color:</u> TIFF RAW, LZW, JPEG (monolithic, striped, tiled), PDF Deflate, JPEG, JFIF JPEG, Windows Bitmap <u>8-bit Grayscale:</u> TIFF RAW, LZW, JPEG, PackBits, (monolithic, striped, tiled), PDF Deflate, JPEG, JFIF JPEG, Windows Bitmap, Windows Bitmap RLE8 <u>2-bit Binary:</u> TIFF RAW, LZW, Huffman, G4 CCITT, (monolithic, striped, tiled), PDF G4 CCITT, JEDMICS C4, Image Machines TG4, CALS RasteType1, Windows Bitmap <u>TIFF & PDF Multipage</u>
Power supply:	<u>book2net scanner:</u> operation: 55 VA, / stand-by: 20 VA <u>book2net XL scanner:</u> scanning: 90 VA, operation book cradle: 124 VA
Dimensions (W x D x H) :	<u>book2net scanner:</u> 1060 x 665 x 1170 mm <u>book2net XL scanner:</u> 1060 x 600 x 1360 mm
Weight:	<u>book2net scanner:</u> 51 kg <u>book2net XL scanner:</u> 85 kg
Operating conditions:	10° - 38° C, 10% - 85% humidity (not condensing)
Options:	Foot switch, A1 book holder

book2net universal film scanner:

Sensor:	240 Mega pixel scan sensor black & white, grayscale, color	Power consumption:	Low power consumption of only 55 Watts
Layout table:	A2 illuminated layout section	Software:	Full featured software image enhancement package included
	Sub light is provided by power LED technology for even illumination without heat emission, flickering, UV free	Output formats:	same as book2net book scanner