

Lizard [A1]
HIGH-END V-SCANNER

The **book2net Lizard** is our desktop solution among the A1 V-shape book scanners.

Fragile books and bound documents that cannot be opened at a 180° angle for conservation reasons, otherwise the binding would suffer, can be gently digitized with the reduced opening angle of 110°.

The use of two X71 cameras with high-performance sensors guarantees consistently exceptional image quality at unrivaled scanning speeds.

HIGHLIGHTS

- Dual X71 camera technology
- 400 - 600 dpi resolution
- 0.3 sec. scanning time
- 3.5 sec. processing time
- 8 cm depth of field
- True color management
- Distortion free
- Perfect linearity

TRUE TO SCALE & GENTLE

Each book is unique and varies in thickness, so height compensation by means of a book cradle is mandatory for true-to-scale digitization.

The **book2net Lizard** ensures absolutely flexible adjustment of all elements of the book cradle to achieve perfect scanning results.

PRESERVATION APPROVED LED ILLUMINATION

The **book2net Lizard** is equipped with a cold light LED illumination system that provides a stable color temperature during the scanning process and thus guarantees true color reproduction. The Fresnel lenses used ensure uniform light distribution over the entire scanning area, even in the particularly critical edge areas and the book fold. The LED light sources are glare-free as well as UV/IR free, so there is no radiation exposure according to EN60825-1.

In addition, the **book2net Lizard** is equipped with a dual lighting unit that can be controlled individually or synchronously. Thus, the light angle can be adjusted and, optionally, also the light intensity per lamp (3 segments) can be controlled individually. This is particularly important for glare- and shadow-free detection of specially structured surfaces.

Thanks to the innovative process optimization, the **book2net Lizard** works with an extremely reduced illumination time of 0.5 seconds at a scanning speed of 0.3 seconds.

The specially developed light control module also offers the option of adjusting the lighting for conservation purposes and reducing it to $\leq 2,500$ lux.

COLOR MANAGEMENT

Integrated true-color management: METAMORFOZE, FADGI, ISO/TS 19264:1 2017 standard in color quality, resolution, noise, and linearity.

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Conservational Digitization - Industrial Performance

V-SHAPE GLASS PLATE

The gentle V-shape glass plate is balanced in a weight-neutral manner. It is smooth-running, noiseless and easy to operate.

If necessary, it can be locked in place. The reflection-free glass guarantees the best scan quality.

BOOK CRADLE

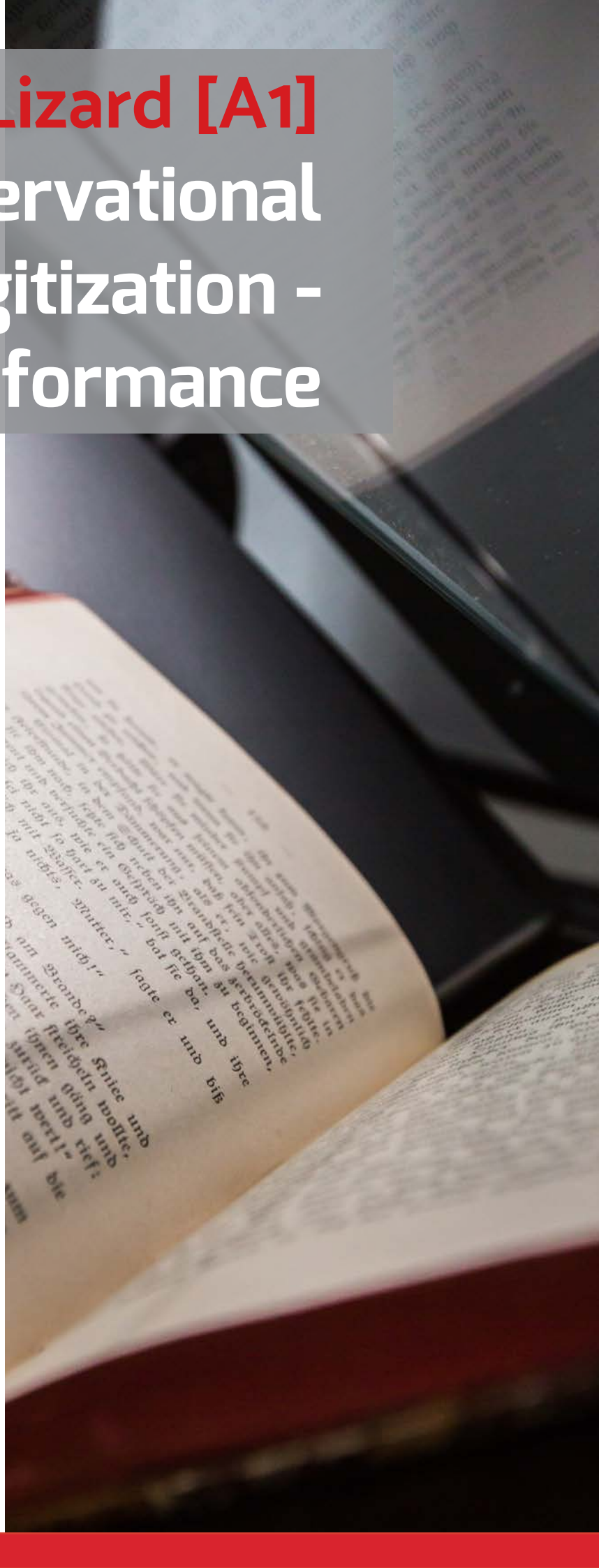
The adjustable spine exemption of up to 20 cm in width and 8 cm in depth allows particularly fragile books to be handled gently and can be provided with different coatings as desired.

The special coating of the book cradle avoids any abrasion of sensitive bindings. The coating of the support can be selected according to the respective requirements.

SUSTAINABLE TECHNOLOGY

As with all our systems, we have placed great emphasis on ecological production and the selection of sustainable, resource-saving materials for the **book2net Lizard**.

Our systems are also free of UV/IR radiation and heat load. They are extremely noiselessly and have very low energy requirements.



TECHNICAL DATA

X Matrix sensor technology

Sensor:	High performance area sensors (dual technology)
Optics:	Schneider precision lens
Shutter:	No shutter mechanics
Illumination:	Cold light LED-technology with integrated Light-Control-System (LCS)
Resolution:	400 dpi / 600 dpi
Depth of field:	8 cm
Scanning time:	0.3 seconds (2 x A2 color @ 400 dpi)
Processing time:	3.5 sec. (scanning + imaging + storing!)
Layout section:	up to A1
Book opening angle:	110°
Spine exemption:	10 cm (optional up to 20 cm)
PC interface:	USB 3.0
Software:	Easy Scan Professional Intuitive Professional Software with extended functions for job management, image editing and further processing
Color depth:	48 Bit color, 24 Bit color, 16 Bit grey, 8 Bit grey, 1 Bit B/W
File formats:	TIFF, JPEG, JPEG 2000, PDF, PDF-A, Multipage PDF and Multipage TIFF
Output:	sRGB, Adobe 1998 RGB, eciRGB V1/V2, Wide Gammut, ProPhoto according to ICC standard
Dimensions:	800 x 1200 x 1400 mm (w x d x h)
Weight:	ca. 70 kg
Connection values:	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption:	Standby 50 VA, in operation 100 VA
Safety standard:	CE EMV

