



flash [A1+]

INNOVATIVE, VERSATILE & PRODUCTIVE



HIGH-PERFORMANCE SENSOR

- High-resolution Matrix sensor
- Two versions: 300 dpi/400 dpi
- 0.3 sec. scanning time (A1 color / 300 dpi)
- 2.2 sec. processing time (Scanning – Transmitting – Storing)
- USB 3.0 Interface
- Optimized for OCR-applications due to reduced signal noise

OPTICS

- Schneider-Kreuznach precision lense
- 12 cm depth of field
- Brilliant color accuracy
- Perfect linearity
- Distortion-free
- Longevity guaranteed

LED-LIGHTING

- Dual lighting system individually or synchronously controllable (optional)
- Cold light-LEDs
- Fresnel lenses
- Even light distribution
- Constant wavelength
- Light intensity ≤ 2.500 lux
- Illumination time ≤ 0.6 sec.
- > 3 year lifespan

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**Robust design,
reliable performance.**

SEMI-ROBOTICS

- SPS-steering
- Highly precise linear actuator
- 1/100 mm exact
- Programmable scan processes
- Book size dependent traverse paths
- Adjustable opening angle
- Process steered pressure
- Gentle, fully electronic pressure control
- Variable control:
 - fully automatic
 - semi-automatic
 - manual
 - time controlled
 - action controlled
 - user controlled

SOFTWARE

Software and features:

- Live Video
- EasyScan Professional
- EasyScan OCR (optional)

COLOR MANAGEMENT

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

MOTORIZED GLASS PLATE

- Gentle on templates
- Self-opening & -closing
- Format dependent opening angles
- Process steered pressure
- Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control
- Reflection-free glass (museum glass optional)

BOOK CRADLE

- Motorized bookcradle with lowering technology
- Height exemption up to 25 cm (optional up to 40 cm)
- Book spine exemption up to 25 cm
- Double profile-lifting columns for exact height adjustment
- Carrying capacity up to 180 kg per column
- Preservation approved

Solid Template Table

- Continuous support surface
- Specially coated matching the requirements

The **book2net Flash A1** was developed for the mass digitization of large-format, unwieldy or particularly heavy documents such as magazine volumes.

The mass digitization of large-format books and templates is associated with a high throughput volume. On the one hand, this requires high productivity, but on the other hand it also requires the greatest possible relief for the user at the workplace. For this reason, we placed particular emphasis on streamlining the workflow when developing **book2net Flash A1**.

TECHNICAL DATA

» Matrix Sensor Technology

Sensor:	High-performance area sensors
Optics:	Schneider precision lenses
Shutter:	No shutter mechanics
Illumination:	Cold light LED-technologies with integrated Light-Control-System (LCS)
Resolution:	300 dpi / 400 dpi
Depth of field:	12 cm
Scanning time:	0.3 sec. scanning time (A1 Color / 300 dpi)
Processing time:	2.2 sec. (Scanning + Transmitting + Storing!)
Template size:	645 mm x 916 mm
PC Interface:	USB 3.0
Software:	Easy Scan Professional Intuitive Profi Software with extended functions for job management, image editing and 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, Pro-Photo and according to ICC standard
Dimensions:	990 x 990 x 2100-2350 mm (W x D x H)
Weight:	ca. 100 kg
Connection values:	100 V - 240 V, 47 Hz - 63 Hz
Noise generation:	ca. 44 dB(A)
Energy consumption:	Standby 50 VA, average 68 VA consumption peak 100 VA
Safety standard:	CE EMV

Remote maintenance possible.
Technical changes reserved.

