Ultra

High-performance A2 Scanner

Ultra (A2+)
Digitization for the highest requirements

The book2net Ultra is one of the most successful A2 production scanners worldwide. Developed specifically for the service sector, the book2net Ultra meets special requirements for high throughput, outstanding quality and extreme durability.

In addition, the book2net Ultra combines productivity and scanning quality with the maximum care for the originals and a high level of operating convenience: the book cradle, glass plate and the conservatory LED lighting system can be precisely adjusted to a wide range of formats and original structures in a matter of seconds under process control, ensuring a smooth workflow.

■ High-perfomance sensor

- High-resolution CMOS area sensor
- Selectable options: 400 ppi / 600 ppi
- 0.3 sec. scanning time (double page, color at 400 ppi)
- 2.2 sec. processing time (scanning + imaging + storage)
- USB 3.0 interface
- Optimized for OCR applications due to reduced noise

■ Optics

- Schneider-Kreuznach precision lens
- Depth of field 8 cm
- Brilliant color rendering
- Perfect linearity
- Distortion-free
- Long durability

■ LED Illumination

- Cold light LEDs
- Fresnel lenses for homogeneous, uniform illumination Constant wavelength
- Exposure time 0.5 sec.
- Adaptable to ambient light
- Eco function
- Low energy consumption

■ 23" Touchscreen (optional)

- Ergonomic touchscreen
- Optimal user-friendliness
- Zoom and proof monitor functionality
- Industrial standard

Also available
as
Light-Scanner

■ Eco-friendly

- No UV / IR radiation
- No ozone, no emission
- No heat load
- Lowest noise emission
- Low Energy Control (LEC)
- Energy-saving

■ Book cradle

- Self-adjusting
- 12/14 cm height adjustment
- 10 cm book spine exemption
- Motorized locking
- Scan release on the support table (optional)

■ Electromagnetic glass plate

- Gentle on originals
- Non-reflective glass (museum glass optional)
- Manual pressure with self-opening glass plate (standard)
- Motorized glass pressure (optional)

■ Control module (optional)

- Software module for process-controlled operation of book cradle, glass plate and pressure control
- Motorized book cradle
- Motorized glass plate
- 6 different control modes
- Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control

■ Software & Features

- Live Video Preview
- Easy Scan / bookScan professional scan software
- OCR / barcode / document delivery service / structure client (optional)
- Live Control Professional (optional)

■ External PC (optional)

- Optional book2net PC or customer PC
- Latest design

■ Color Management

Integrated True Color Management :
METAMORFOZE, FADGI, ISO/TS 19264:1 2017 standard in terms of color quality, resolution, noise & linearity

Scanner specifications

Technical data

Sensor	High performance CMOS sensor
Optics	Schneider-Kreuznach precision lens
Shutter	No shutter mechanics
Illumination	Cold-light LED-technology with integrated Light- Control-System (LCS)
Resolution	400 ppi / 600 ppi
Depth of field	8 cm
Scanning time	0.3 seconds (A2 color at 400 ppi)
Processing time	2.2 seconds (scanning + imaging + storage)
Layout section	460 mm x 645 mm
PC interface	USB 3.0
Software	EasyScan / bookScan professional intuitive scan software with extended functions for job management, image editing and further processing
Color depth	48 bit color; 24 bit color, 16 bit gray, 8 bit gray; 1 bit b/w
File formats	TIFF, JPEG, JPEG 2000, PNG, PDF, PDF-A, multipage PDF and multipage TIFF, RAW
Output	sRGB, Adobe 1998 RGB, eciRGB V1/V2, ProPhoto and according to ICC standard
Dimensions	680 x 940 x 1215 mm (w x d x h)
Weight	approx. 72 kg
Connection values	100 V - 240 V, 47 Hz - 63 Hz
Energy consumption	Standby 50 VA, in operation 100 VA
Noise emission	Standby 34 dB(A), in operation 39 dB(A)
Safety standard	CE EMV

Maintenance possible via remote service.
Subject to technical modifications

Ultra in use

- The BSB
- The Hessian State Archives
- The Federal Archives of Germany

CE   FA DGI   ISO 19264-1   M

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