



**SCAMIG 210 [A3+]**  
**COMPACT & EFFICIENT**

# SCAMIG 210

## performing means caring



Fast, durable and reliable, with a throughput of up to 210 documents per minute, the **book2net SCAMIG 210** guarantees a reliably high throughput. With a compact and high-quality design, it is the smart and sustainable choice for scanning large amounts of documents in the highest quality every day. Developed for 24/7 operation and 100 percent made in Germany, it sets the standards in terms of quality, efficiency and user-friendliness.

It masters your recurring or ongoing large-volume scanning projects conveniently at the push of a button: from incoming mail scans to archiving and commercial scanning services.

## HIGHLIGHTS

- Unique slow-down function
- Adjustable feed pressure
- Paper-friendly tape transport
- Straight paper passage
- Manual feed from the stack
- FADGI and ISO / TS 19264: 1 2017 standard
- Imprinter HD (optional)
- Freely accessible transport route
- NoSCRATCH glass guide
- Speed selection
- Passage & scan width up to 317.5 mm
- Large 7" multitouch communication panel
- Document sorting at full scan speed

## SLOW DOWN-FUNCTION

The unique slow-down function enables critical and fragile documents to be scanned damage-free at an adjusted, reduced speed.





## HYBRID SCANNING SOLUTION

In combination with our **book2net** overhead scanners, the **SCAMIG 210** is the ideal partner for hybrid scanning solutions in order to guarantee a smooth and comfortable workflow even for projects with a wide variety of templates.

## SOFTWARE

Perfect Document Technology for full image processing directly within the scanner: including gamma correction, bicubic skew correction (deskew), black border removal (cropping) and dynamic binarization for perfect black and white images. In addition, Perfect Document Technology offers functions such as multistreaming (for the simultaneous output of color, gray and black and white images), automatic blank page detection, text-oriented alignment, automatic color detection, patchcode-controlled color switching and much more.

## PERFORMANCE-UPGRADE

All **book2net** SCAMIG scanners can be easily upgraded. Increasing scan volumes can thus be compensated for directly by increasing the performance. This guarantees investment and project security and also promotes sustainability.

## COLOR MANAGEMENT

**book2net** SCAMIG scanner adhere to the digitization guidelines FADGI as well as to ISO/TS 19264:1 2017 standards.

## SCANNER PERFORMANCE

Specifications for bitonal/color 200/300 dpi	SCAMIG 210-1	SCAMIG 210-2	SCAMIG 210-3	SCAMIG 210-4
SIMPLEX A4 landscape format	120 pages/min. 120 pages/min.	150 pages/min. 150 pages/min.	180 pages/min. 180 pages/min.	210 pages/min. 210 pages/min.
DUPLEX A4 landscape format	120 pages/min. 240 pages/min.	150 pages/min. 300 pages/min.	180 pages/min. 360 pages/min.	210 pages/min. 420 pages/min.

# TECHNICAL DATA

## General Technical Specifications

Scanning method	CCD line camera
Illumination	LED illumination (diffuse)
Optical resolution	600 dpi
Output resolution	75, 100, 150, 200, 240, 300, 400, 600 dpi dual or multi resolution possible
Output compression	CCITT Group IV, JPEG, PDF/R (Raster) or uncompressed
Color Image	24 Bit, 16.8 mio colors (True Color) 8 Bit color depth, 256 greyscales 1 Bit color depth, bitonal
Daily volume	Unlimited
Throughput (by A4 landscape, 200 and 300 dpi, bitonal and color)	120, 150, 180, und 210 sheets/min. (upward models 601, 611, 621 and 631) with upgrade option
Warranty	12 months
NoSCRATCH-Warranty	36 months on glass guide
Digitization guidelines	FADGI: **, ISO 19264-1: Level C (each at 120 ppm)
Scan areas	Dust-protected with NoSCRATCH Glass Guide, variable height (three levels) with switchable scan background (black/white)
Document output front	Output tray in four definable plate angles, adjustable Paper Stop and asymmetrically adjustable Paper Guides, tray extension for long documents (max. 485 mm) and removal aid
Document output rear	Rear output by straight paper path, controlled by active switch, to sort out separator sheets at full speed or to handle inflexible documents
Indexing	Sequential ID and four definable, event controlled counters for document indexing, integrated patch code and barcode reader 1D & 2D (e.g. 2/5 Interleaved, Code 39, Code 128, QR Code, Datamatrix)
Imprinter SD <sup>(5)</sup>	Inkjet imprinter (resolution 96 dpi) with ink management for definable single line print- ing, prior to scanning on document front side and after scanning on front-/rear side
Imprinter HD <sup>(5)</sup>	HD imprinter (resolution 300, 600, 1200 dpi) with ink management for up to four lines printing after scanning on document front-/ rear side. Printing height up to 14.2 mm and barcode printing
Imprinter digital	Digital image print. Content linkable to physi- cal printed information and freely definable
SlowDown Modus <sup>(5)</sup>	Reduction of scan speed for safe document handling (20, 40, 80 ppm)

(1) Restrictions in relation to image processing settings and resolution are possible

(2) Maximum admission height is not equal to the maximum paper thickness. Dependent on the material

(3) Maximum paper weight can vary and ultimately depend on surface condition and the flexibility of material

(4) Depending on model

(5) Optional

Technical changes reserved.

## Paper Processing / Handling

Paper input	Automatically for batch or single sheet input, adjustable paper guide (also asymmetric), integrated support for long documents
Max. stack height	75 mm (approx. 750 sheets at 80 g/m <sup>2</sup> ) defined via profile
Document width	56 mm to 317.5 mm
Document length	60 mm to 1.950 mm
Paper formats	• ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7 • US formats: Ledger, Legal, Letter, Executive, invoice • User defined format
Max. admission height <sup>(2)</sup>	2 mm (by straight Paper Path)
Papier weight <sup>(3)</sup>	30 g/m <sup>2</sup> to 800 g/m <sup>2</sup>
Input control	Mechanical paper separation, Double Feed Detection
Paper flow control	Paper Flow Control (PFC) with optional length control

## Interfaces

Operation	Via capacitive 7" MultiTouch Communication Panel (MTCP) with integrated user management
Supported OS	Windows 7/8 (32/64 Bit), Windows 10 (64 Bit)
Driver	TWAIN™, ISIS® (MS16 ISIS compatible), WIA (on demand)
Scan PC	USB 3.0 (socket type B)
Interface	3 x USB 2.1 (socket type A) for input devices/ storage media. Socket DE-9 for service and up to 4 additional input switches

## Technical Data

Power consumption	Max. 400 Watt (4), Standby Mode < 0,5 Watt
Electrical connection	100 - 240 Volt; 50/60 Hertz; max. 4 Ampere
Environmental conditions	Temperature: 10 - 35 °C / 50 - 95 °F Relative humidity: 30 - 80%
Dimensions	Width: 510 mm / 611 mm (stand width / width with display) Depth: 512 mm / 862 mm / 1.250 mm (stand depth / operation mode / with rear output tray) Height: 521 mm
Weight	64,8 kg (without options)
Noise emission	Operation ready: max. 48 dB (A) Operation (4) : 57 to 63 dB (A)

## Image Processing / PDT (Perfect Document Technology)

Image orientation	Bicubic skewness correction with black border removal and text-oriented alignment
Gamma correction	3-level correction (color, black, white)
Color dropout	Up to three color areas definable
Binarization method	Dynamic with pixel filters and result preview
Stream control	Based on Automatic Color Detection and/or Event Control (e.g. Patch Code, 1D & 2D Bar- code)
Blank page detection	Content-based dynamic procedure with two definable impact areas

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