SCAMIG 120

Compact and powerful

SCAMIG 120 (A3)
High performance meets maximum care

b book 2net

HIGHTECH FOR HERITAGE

Maximum speed and high throughput are a must for time-efficient scanning, especially in the field of mass digitization. However, they only become truly practicable when they prove themselves in continuous use – without stops and without errors.

The book2net SCAMIG 120 guarantees smooth 24/7 operation: fast, durable and reliable, wear-free, maintenance-free and cleaning-free! Optimized in terms of price and performance for a daily throughput in the high five-digit range, it is the smart and costeffective choice for many requirements when quality, user-friendliness and sustainability are required.
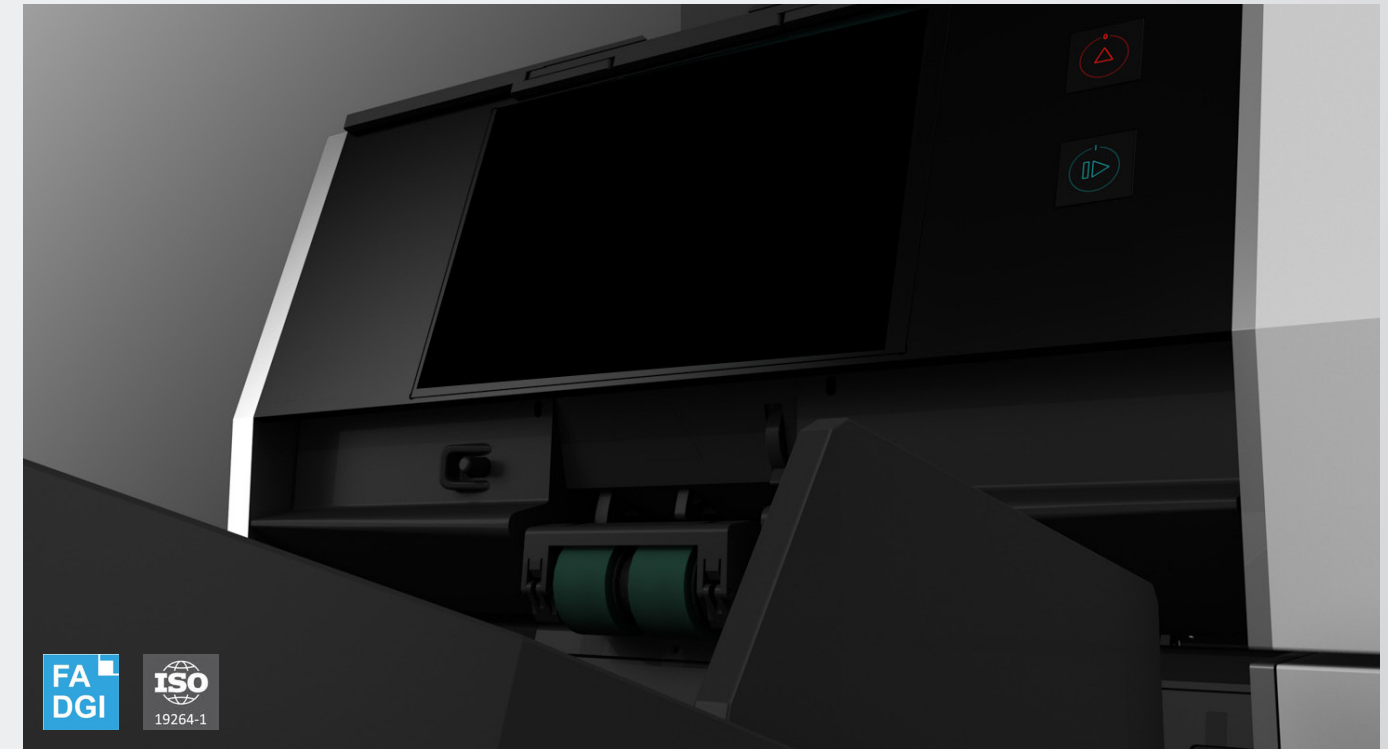
■ Highlights

- Unique slow-down function (optional)
- Variable feed pressure
- Gentle paper transport
- Straight paper passage
- Manual feed from the stack
- FADGI and ISO/TS 19264:1 2017 standard
- Imprinter SD/HD (optional)
- Freely accessible transport path
- NoSCRATCH glass guide
- Speed selection
- Pull-through & 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 allows for critical and fragile documents to be scanned damage-free at an adjusted, reduced speed.

Hybrid Scanning Solution

Scanner performance SCAMIG 120

Specification for bitonal/color 200/300 ppi	SCAMIG 120-1	SCAMIG 120-2
SIMPLEX A4 landscape	100 sheets/min. 100 pages/min.	120 sheets/min. 120 pages/min.
DUPLEX A4 landscape	100 sheets/min. 200 pages/min.	120 sheets/min. 240 pages/min.

FA DGI   ISO 19264-1

■ Hybrid scanning solution

In combination with our book2net planetary scanners, the SCAMIG 120 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 documents.

■ Perfomance upgrade

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

■ Software

Perfect Document Technology for full image processing directly in 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.

■ Color management

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

Hybrid Scansystems

Scan the QR code and find out about product features

Scanner specifications

General

Scanning Method	CCD line camera
Illumination	LED Illumination (diffuse)
Optical Resolution	600 ppi
Output Resolutions	75, 100, 150, 200, 240, 300, 400, 600 ppi dual or multi resolution possible
Output Compressions	CCITT Group IV, JPEG, PDF/R (Raster), TIFF or uncompressed
Color depth	24 Bit, 16.8 million colors (True Color) 8 Bit, 256 gray levels 1 Bit color depth, bitonal
Daily Volume	Unlimited
Throughput [4] (by A4 landscape, 200 and 300 ppi, bitonal and color)	100 sheets/min (model 120-1), 120 sheets/min (model 120-2)
Warranty	12 months
NoSCRATCH-Warranty	36 months on glass guide
Digitization Guidelines	FADGI: ***, ISO 19264-1: Level B
Scan Areas	Dust-protected with NoSCRATCH Glass Guide, variable height (three levels)
Document Output Front	Adjustable paper stop and asymmetrically adjustable paper guides. 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 [5]	Inkjet imprinter (resolution 96 ppi) with ink management for definable single line printing, prior to scanning on document front side and after scanning on front-/rear side
Imprinter HD [5]	HD imprinter (resolution 300, 600, 1200 dpi) with ink management for up to four lines printing after scanning on document rear side. Printing height up to 14.2 mm and barcode printing
Imprinter Digital	Digital image print. Content linkable to physical printed information and freely definable
SlowDown Modus [5]	Reduction of scan speed for safe document handling (20, 40, 70 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	50 mm (approx. 500 sheets)
Document Width	56 mm to 317,5 mm
Document Length	60 mm bis 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
Maximum Admission Height [2]	2 mm (by straight Paper Path)
Paper Weight [3]	30 g/m^2 to 300 g/m^2
Input Control	Mechanical paper separation, Double Feed Detection via five, separately definable, ultrasonic sensors and automatic staple/metal recognition
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® (MS61 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. 200 Watt [4], Standby Mode < 0,5 Watt
Electrical Connection	100 - 240 Volt; 50/60 Hertz; max. 2 Ampere
Environmental Conditions	Temperature: 10 - 35 °C / 50 - 95 °F Relative humidity: 30 - 80%
Dimensions	Width: 468 mm, Depth: 910 mm, Height: 380 mm
Weight	50,0 kg (without options)
Noise Emission	Operation ready: max. 48 dB (A) Operation (4) : 55 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 Barcode)
Blank Page Detection	Content-based dynamic procedure with two definable impact areas