DS3X1

24/7 Production Scanner

SMA

SMASCANNERS.COM

DS3X1

Maximum Throughput

COMPACT DESKTOP UNIT

24/7 PRODUCTION SCANNING

PERFECT TECHNOLOGY

The DS3X1 Series is the lates additon to our scanner portfolio. It is a high end prodution scanner in the middle volume segment that sets completely new standards due to unique features. One step down from the DS6X1, it combines the 24/7 operation capability and numerous premium functionalities of the world's leading desktop production scanner into an even more compact device with favorable conditions. This allows your institution to handle even comparatively small daily volumes with the quality and reliability of a high-end production scanner, without spending the corresponding money. Optimized in terms of price and performance for daily throughputs ranging from three-digit to five-digit figures, the DS3X1 is the highest quality and most cost-effective choice whenever excellent results, intuitive usability and long product life are the key selection criteria. Nedless to say - the DS3X1 is 100% Made in Germany!

SCANNER PERFORMANCE

COLOR 300 DPI	DS311	DS321
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

TOP FEATURES

HD Imprinter	Model Depending Speed Selection	FADGI & ISO Compliant
Gentle Paper Transport	Adjustable Input Pressure	Transport width up to 317.5mm
Easy Accessable Papertransport	NoSCRATCH Glass Guide	Operation via large 7' MultiTouch Panel
Straight Paper Throughput	SlowDown Mode (20/40/80 ppm)	Document Sorting at full Scan Speed

DS3X1

Maximum Felxibility

INVEST ACCORDING TO YOUR NEEDS

Apparently high throughput is the most striking feature of a production scanner. However, in the mid-volume segment other features and success factors such as user friendliness, ease of operation, the highest possible scan quality and smart features as well as sensible functionalities are more important here. In other words, state-of-the-art digitization does not always require maximum throughput but always genuine production scanners that address all relevant issues.

PERFORMANCE UPGRADE

	DS311	DS321
STANDARD PERFORMANCE	100 sheets/min	120 sheets/min
PERFORMANCE UPGRADE	120 sheets/min	No upgrade available

DS3+ SOFTWARE FEATURES

Single Scan / Batch Scan	Use of Scan Counter	Indexing (via scanner)	Statistic Module
Dual Stream / Multi Stream	Blank Page Detection	Manual Image Processing (post scan)	Multilanguage
Second TWAIN Source	Deletion Marker	Output Format TIFF Single/Multi Page	Docking Windows
Maximum Pages Displayed	1D/2D Barcode Recognition	Output Format PDF/A, JPEG and others	Easy Import / Export of Templates
Thumbnail View / Tree View	OCR (open source)	Output Files: Index, Signal, TXT, XML	Free Updates
Freely Definable Shortcuts	Document Separation (via scanner)	Customizing via PowerShell Script	Digital License Model
Freely Configurable Project Templates	Document Separation (internal)	Output to DMS / ECM Systems	Alternatively Hardware Dogle

SCANNER SPECIFICATIONS

◨◨◼ GENERAL TECHNICAL SPECIFICATIONS

Scanning Method	CCD Line Sensor
Illumination	LED
Optical Resolution	600 dpi
Output resolutions	75, 100, 150, 200, 240, 300, 400, 600 dpi
Output Compression	CCITT Group IV, JPEG, PDF/R, TIFF or uncompressed
Color Depth	24 Bit Color / 8 Bit Grey / Bitonal
Daily Throuphput	Unlimited
Scan Speed	100/120 sheets/min. (A4 landscape 300 dpi, depending on model)
Warranty	12 months
NoSCATCH Warranty	36 months on glass guide

◨◨◼ IMAGE PROCESSING

Image Orientation	Bicubic deskew, cropping 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
ICC Profiles	Embedded ICC profiles or different color spaces such as sRGB, Adobe RGB1998 etc.

◨◨◼ INTERFACES

Operation	Via capacitive 7'' multi touch panel with integrated user management
Supported OS	Windows 7/8 (32/64 Bit), Windows 10/11 (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/storgae media, socket DE-9 for service
Certification	Kofax VRS / Express

🟨⬜⬛ PAPER PROCESSING / HANDLING

Paper Input	Feeder for batch or single sheet input, adjustable paper guide, support for long documents
Max. Stack Height	50 mm (= approx. 500 sheets at 80 g/m2)
Document Width	56 mm to 317.5 mm
Document Length	60 mm to 1950 mm, LongDoc Mode up to 15.5 m
Paper Formats	DIN/ISO formats, US formats, user defined formats
Maximum Admission	2 mm (straight paper path only)
Paper Weight	30 g/m2 to 300 g/m2
Input Control	Mechanical paper separation, double feed detection, automatic staple/metal recognition
Flow Control	Paper flow control with optional length control
Scan Areas	Dust-protected NoSCRATCH glass guide, variable height
Document Output Front	Adjustable paper stop and asymentrically adjustable paper guides, removable aid
Document Output Rear	Rear output by straight paper path, controlled by active switch, to sort out separator sheets
Indexing	Sequential ID and four defined event controlled counters, patch code/barcode reader
Imprinter SD	96 dpi SD imprinter for single line printing, printing on front side prior or rear side after scanning
Imprinter HD	HD imprinter up to 1200 dpi for up to four lines of printing, rear side after scanning, barcode printing
Imprinter DIgital	Digital image print, content linkable to physically printed information and freely definable
Slow Down Mode	Reduction of scan speed for safe document handling to 20/40/70 ppm

🟨⬜⬛ TECHNICAL DATA

Power Consumtion	Max. 200 W, in Standby Mode < 0.5 W
Power Connection	100 - 240 V, 50/60 Hz, max 2 A
Ambient Conditions	Temperature: 10-35° C / 50-95° F Relatve Humidity (non-condensed): 30-80%
Dimentions	Width: 468 mm Depth: 910 mm Height: 380 mm
Weight	50 kg (without options)
Noise Emission	Operation Ready: 48 dB (A), Operation: 55 dB (A)
Sytem Requirements	Intel Core i7 (or similar or higher), 8 GB RAM, graphic card 1 GB Memory, 2 GB free hard disk memory for software environment, SSD for temporary scanning image memory

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BLACK & YELLOW

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