DS6X1

24/7 Production Scanner

SMA

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DS6X1
Maximum Throughput

24/7 PRODUCTION SCANNING

■ ■ ■ PERFECT TECHNOLOGY

Scanners of the **DS6** Series are compact desktop units but offer you the power and capacity of high-performance scanners. They are more durable and offer a higher productivity than any other scanner of that size. Designed for continous operation and 100% MADE IN GERMANY it sets the standard in terms of throughput, quality, reliablility, efficiency and user-friendliness. Large-scale scanning projects, commercial scanning service or simply inbox scanning can be handled at the touch of a button. Scanners of the **DS6** Series are amongst the desk top scanners with the highest throughput around the world.

■ ■ ■ SCANNER PERFORMANCE

COLOR 300 DPI	DS601	DS611	DS621	DS631
SIMPLEX A4 landscape	120 sheets/min 120 pages/min	150 sheets/min 150 pages/min	180 sheets/min 180 pages/min	210 sheets/min 210 pages/min
DUPLEX A4 landscape	120 sheets/min 240 pages/min	150 sheets/min 300 pages/min	180 sheets/min 360 pages/min	210 sheets/min 420 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

DS6X1

Maximum Felxibility

UPGRADE WHEN NEEDED

■■■ INVEST ACCORDING TO YOUR NEEDS

More work on your desk as originally expected? No problem at all! All scanners of the **DS6** Series can be upgraded to a higher performance without any hardware changes. You can start with a lower volume model according to your budget. Should your needs increase, the scanner will grow with its tasks. Depending on the scanner model you initially bought you can simply choose one of the below upgrades in order to increase the throughput.

■■■ PERFORMANCE UPGRADE

	DS601	**DS611**	**DS621**	**DS631**
STANDARD PERFORMANCE	120 sheets/min	150 sheets/min	180 sheets/min	210 sheets/min
UPGRADE OPTIONS	150/180/210 sheets/min	180/210 sheets/min	210 sheets/min	No upgrade available

■■■ DS6+ 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

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 Throughput	Unlimited
Scan Speed	120/150/180/ 210 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, TR-RESISCAN ready

SPECIFICATIONS

◼◼◼ PAPER PROCESSING / HANDLING

Paper Input	Feeder for batch or single sheet input, adjustable paper guide, support for long documents
Max. Stack Height	75 mm (= approx. 750 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 800 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, switchable scan background balck/white
Document Output Front	Output tray in four definable angles, adjustable paper guide, tray extention for long documents
Document Output Rear	Straight pass, active switch sorts out separator sheets at full speed or to handle inflexible documents
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 front/rear side after scanning
Imprinter HD	HD imprinter up to 1200 dpi for up to four lines of printing, front/rear side printing, 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 20/40/80 ppm

◼◼◼ TECHNICAL DATA

Power Consumtion	Max. 400 W (depending on the model), in Standby Mode > 0.5 W
Power Connection	100 - 240 V, 50/60 Hz, max 4 A
Ambient Conditions	Temperature: 10-35° C / 50-95° F Relatve Humidity (non-condensed): 30-80%
Dimentions	Width: 510 mm (footprint) / 611 mm (including TochPanel) Depth: 512 mm (footprint) / 862 mm (operation mode) / 1250 mm (including rear output tray) Height: 521 mm
Weight	65 kg (without options)
Noise Emission	Operation Ready: 48 dB (A), Operation (depending on the model): 57-63 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