HIGH-SPEED IMAGE AND DOCUMENT SCANNERS

The SmartLF SCi 36 and SCi 42 capture accurate technical images and colour graphics up to 42" wide[1]. With fast, intuitive operation and a space-saving design, they're ideal for busy environments.

Key features:

- Versatile scanning - scan documents up to 42" (1067mm) wide[1] and 0.08" (2mm) think

- Precision image capture – Colour scan up to 1200 dpi optical resolution and 9600 dpi with SmartWorks Imaging[2]

- Zero warm-up time – SingleSensor imaging technology provides instant-on scanning

- Maximise productivity – 13 inches per second (ips) B&W / 12ips colour scanning at 200 dpi

- Flexible operation and placement – two document paths with front entry, rear exit, rewind to front or an optional document return guide

- Minimise downtime – USB 3.0 for fast data transfer

- Easy operation – the intuitive software is ideal for busy environments

- ENERGY STAR compliant – powers down when idle to conserve energy

- Low TCO – LEDs have an estimated life of 50,000 hours

[1]SmartLF SCi 42
[2]SmartWorks Imaging is an optional software

PRODUCT RANGE

SmartLF SCi 36

SmartLF SCi 42

SCANNER TYPE	SCi 36			SCi 42		
MODEL	SCi 36m Mono / Greyscale	SCi 36c +Colour	SCi 36e +Enhanced Colour	SCi 42m Mono / Greyscale	SCi 42c +Colour	SCi 42e +Enhanced Colour
Optical Resolution	1200 dpi					
Extended Resolution[5]	9600 dpi[5]					
Max Scan Width	36" (91.4 cm)			42" (106.7 cm)		
Max Media Width / Thickness	38" (96.5 cm) / 0.08" (2.0 mm)[1]			44" (111.7 cm) / 0.08" (2.0 mm)[1]		
Scan Accuracy[4]	+/-0.1% +/-1 pixel					
Imaging Technology	New SingleSensor 6 digital imaging technology is a Colortrac invention that combines CIS technology in a single line array with a full width straight line image sensor of 43,200 pixels for SCi 36 and 52,800 pixels for SCi 42, Bi-directional long-life LED lighting system for optimum object illumination and instant-on scanning. Unlike fluorescent tubes, LEDs have no warm-up time and only illuminate when scanning. They have an estimated working-life of 50,000 hours or over 5 years continuous scanning.					
Data Capture (colour / greyscale)	16-bit	48-bit / 16-bit		16-bit	48-bit / 16-bit	
Colour Space	n/a	Raw RGB from scanner. sRGB using SmartWorks TOUCH. Adobe RGB and Profiled RGB from optional SmartWorks Imaging		n/a	Raw RGB from scanner. sRGB using SmartWorks TOUCH. Adobe RGB and Profiled RGB from optional SmartWorks Imaging	
Scan Speed[2] – 8-bit greyscale and mono (inch/sec) @200dpi[3]	13					
Scan Speed[2] – 24-bit color (inch/sec) @200dpi[3]	n/a	6	12	n/a	6	12
Paper Path	Face-up, front entry, rear exit or rewind to front					
Interface	USB 3.0 and USB 2.0					
Power Requirements	External power supply 115-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: < 53W (scanning) Sleep power: 1.35 w Standby power: 0.3 w					
Operating Conditions	10°C – 35°C, 35% – 80% Relative Humidity non-condensing					
Weight and Dimensions (WxHxD)	53 lbs (24 kg) 45.1" x 6.0" x 15" inches (115 cm x 15.2 cm x 38.1 cm)			58.4 lbs (26.5 kg) 51.2" x 6.0" x 15" (130 cm x 15.2 cm x 38.1 cm)		
Host Platform	Windows Server 2019 64-bit, Windows 11 64-bit, Windows 10 64-bit and 32 bit					
Certifications	CE, cUL/UL, CCC, EAC, BIS, FCC Class A, ICES, EMC, VCCI, KC, EuP, WEEE, RoHS, REACH and ENERGY STAR® certified					
Included Software[7]	SmartWorks TOUCH. Simple-to-use icon based touch screen software. Supports Single page PDF, PDF/A, JPEG, JPEG2000, PNG, TIFF, TIFF G4, TIFF LZW, PCX, BMP, AutoCAD DWF and Multi-page PDF and TIFF, with image edit features and user adjustable document presets.					
Optional Software[7]	SmartWorks Imaging SCAN & COPY software – industry leading, professional scanning and color-copying software					
Optional Accessories	Floor Stand – includes Paper Catch Basket plus optional PC, Monitor, Keyboard and Mouse mounting kit. Repro Stand – adjustable height to fit most popular Large Format printers. Includes Keyboard tray, PC and Flat screen monitor mounting kit. Optional Document Return Guide for front-feed, front-return capability.					

Footnotes

(1) Thick documents up to 2mm must be flexible. Colortrac does not guarantee quoted speeds for thick media. Thick media should be scanned at reduced speeds to obtain optimal image quality. For heavy and/or thick materials the operator may need to support the document as it enters and exits the scanner. For larger sizes of heavy and/or thick media Colortrac recommends the scanner be placed first on a flat surface and the operator supports the document as it enters and exits the scanner. Colortrac recommends the Paper Return Guide be removed when using heavy and/or thick media in the scanner.

(2) The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times and quoted top speeds will depend on the host performance and are not guaranteed for all media types.

(3) True 200 x 200 dpi image capture. Competitors quote scan speeds using 'Turbo', 'Normal' or 'High Speed' modes that reduce image quality whilst suggesting that scan resolution is doubled. These modes use software interpolation to create 'virtual image pixels' from a lower resolution scan thereby increasing the number of pixels in the scan direction (and/or X-direction) in an attempt to simulate higher image resolution. Colortrac SmartLF scanners are designed to scan images fast at the optimum resolution required to capture the original image detail without compromising quality.

(4) The achieved scan accuracy may vary depending on the operating environment and the type and thickness of media.

(5) The maximum resolution and size (width and length) selectable for an image is limited by the file format specified, the available disk space and the computer operating system. SmartWorks Touch maximum image length is 96" (2438mm). Extended resolution of 9600 dpi is only selectable by SmartWorks Imaging.

(6) The SingleSensor is colour calibrated with accuracy 0.1% +/- 1 pixel during manufacture. If the scanner is used in a stable, general office environment, scanner calibration and/or alignment may only occasionally be required. Operation in mobile, dusty or variable temperature environments may require more frequent scanner maintenance.

(7) SmartWorks TOUCH support PC monitors of 15" to 23" with minimum height resolution of 800 pixels or better. It is a 'full time, full screen' application. For full details of host system requirements please go to: http://www.colortrac.com/

Colortrac is a Global Scanning UK Ltd brand. Colortrac makes no warranty of any kind with respect to the information contained in this document and reserves the right to change specifications without notice. Colortrac and SmartLF® are trademarks of Colortrac. All other trademarks are the property of their respective owners. Colortrac SmartLF Wide Format Scanners are designed by Colortrac and manufactured in our ISO-9001:2000 certified manufacturing plant.

L-COA PRO · Colortrac® · imagePROGRAF · FINE Full-photolithography Inkjet Nozzle Engineering · LUCIA PRO ink · LUCIA TD ink