Colortrac
Our Business is Your Image

SmartLF **SG** Series
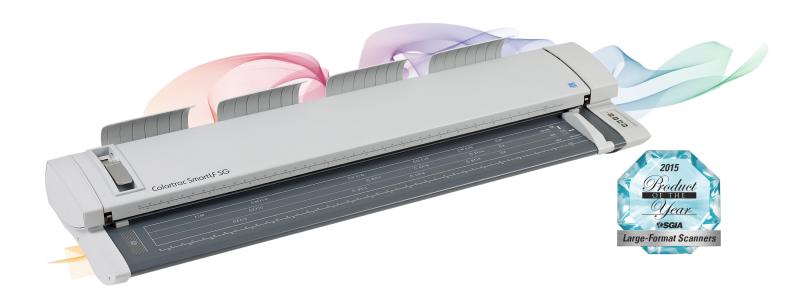

2015
Product
OF THE
Year
SGIA
Large-Format Scanners

For the highest quality scans of all your documents using professional CCD cameras

Colortrac SmartLF SG Series

Experience an all new scanner with the same charge-coupled device (CCD) sensor technology used in professional quality cameras.

Choose the highest quality scans for all your document types, and get it right the first time.

Produce superior quality images and copies of documents up to 36 or even 44 inch wide.

Scan all types of paper and mounted documents.

Super-easy adjustment for different media thick-nesses up to 15 mm.

SUITABLE FOR:

- Hi-Fidelity colour reproduction for scanning and reprographics service professionals
- High Speed Technical Imaging within AEC, CAD, Mapping and GIS
- Electronic Document Capture (TWAIN)

Floor Stand and Return Guides are options.
PC Mount Kit, Repro Stand (height adjustable) and other accessories are available.

We help people capture, enhance, share, copy and preserve large format digital information

Specifications

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There are three SmartLF SG high definition large format scanner models in each size (36in or 44in) with performance levels and features optimised for different applications.

If requirements change, the **m** (monochrome/greyscale) and **c** (colour) models can be easily remotely upgraded to a higher level using a simple emailed scanner upgrade tool. The **e** (enhanced) upgrade offers the highest colour scan speed. Monochrome/greyscale scan speeds are identical across all upgrades.

OPTIONS	36″ models	44″ models
Express Colour	SG 36 e	SG 44 e
Colour	SG 36 c	SG 44 c
Monochrome	SG 36 m	SG 44 m

Upgradable

Upgradable

	SG 36m	SG 44m	SG 36c	SG 44c	SG 36e	SG 44e
Maximum Scan Width	36in (91.4 cm)	44in (111.8 cm)	36in (91.4 cm)	44in (111.8 cm)	36in (91.4 cm)	44in (111.8 cm)
Maximum Media Width	46in (116.9 cm)					
Max Media Thickness	0.6in (15mm)					
Extended Resolution	Linear interpolation from 100 to 9600dpi in 1 dpi steps					
Optical Resolution	1200 dpi					
Imaging Technology	6 x CCDs each with red, green, blue and gray sensor lines. 48-bit color image capture, 16-bit grayscale image capture, black & white (panchromatic full spectrum)					
Light Source	2D long-life ClearView white LED light illumination system for optimum object illumination and instant-on scan availability					
Optics	6 x micro lens with integral infra-red filter					
Scan Accuracy	+/-0.1% +/-1 pixel					
Max Image Length (Not limited by scanner)	The maximum resolution & size (width & length) for a SmartWorks Pro image is limited by the file format specified, the available disk space and the computer operating system.					
Data Capture (color/grayscale)	16-bit		48-bit / 16-bit		48-bit / 16-bit	
Color Space	Adobe RGB, Profiled RGB, sRGB and RAW RGB					
Scan Speed - 8-bit grayscale & mono (in/sec) @200dpi	13		13		13	
Scan Speed - 24-bit color (in/sec) @200dpi	n/a		4		8	
Paper Path	Face-down, Front entry, Rear exit, Side load					
Interface	USB 3.0 data transfer rates up to 85MB/sec. Optimised USB2 transfer rates up to 35MB/sec. Gigabit Ethernet network-ready. 2m long USB2/USB3 and Gigabit Ethernet cables supplied					
Power requirements and consumption	External power supply 100-240VAC autosensing +/-10%, 50-60Hz Scanner power consumption 72W (scanning) / 2.5W (standby)					
Operating conditions	10°C – 35°C, 35% – 80% Relative Humidity non-condensing					
Weight & Dimensions (WxHxD)	Scanner: 112 lbs (51 kg) / 56 x 8 x 18 inches (143 x 21 x 45 cm) Packed: 123 lbs (56 kg) / 62 x 12 x 22 inches (157 x 31 x 57 cm)					
Host Platform	Windows 8, Windows 7, Windows Vista – 32-bit and 64-bit architectures					
Certifications	ENERGY STAR Qualified, UL/cUL, FCC, CB, CE, C-TICK, VCCI, PCT/EAC, CCC, RoHS					
SmartWorks Pro scanning software (optional)	SmartWorks Pro Professional-level scan & copy software. Fully color-managed scan environment for ultimate color fidelity. Save to TIFF, multi-page TIFF, JPEG, PDF, multi-page PDF, PNG, AutoCAD DWF, BMP and PCX file formats. Adjustable filters for in-line scan processing or build your own interactively. Internal and Windows printer drivers.					
TWAIN (included)	A Twain driver is included which provides basic control over scanner color mode, resolution and paper size setting. A compatible application is required – see web site for details.					
Accessories	Floor Stand with included Paper Catch Basket – PC, Monitor, Keyboard and Mouse mounting kit Repro Stand (adjustable height to fit most popular large format printers). Includes Keyboard Tray, PC & Flat Screen Monitor Mounting Kit – Document Return Guide for front-feed, front-return capability					

Colortrac CCD Key Technologies
- LED illumination: long life, low energy and instant-on
- High speed Ethernet and USB3 interface: maintain high speed at high dpi – get more done
- Fast 8 ips color scan speed: high productivity
- Manual thick media system: fast, mechanically simple, low maintenance – quick and easy to use
- ScanOnce: Efficient scanning and copying workflow
- FireFly: SuperSpeed USB3
- SureDrive: Single driven media pressure roller
- ClearView: Innovative Dual LED lighting
- WinSync: Optimised Windows driver technology

ScanOnce

FireFly SureDrive ClearView WinSync

YOUR COLORTRAC STOCKIST:

VERSION: 2014.06.23

INNOVATION IN WIDE FORMAT SCANNERS AND SOFTWARE