



The right choice for up to 42in wide technical documents and maps

Colortrac SmartLF SC Xpress Series

A well-proven, innovative technology for great wide format image quality. SingleSensor is a US Patent protected Colortrac invention that combines CIS elements and LEDs in a single line for maximum scan accuracy and optimal illumination.

Reliable and affordable scanning with a fast return on investment.

Get the job done 'super-fast' with no stopping or waiting.



SUITABLE FOR:

High quality scans of wide format maps, site plans, engineering drawings, blueprints, architectural renderings and many other technical documents. Up to 42 inches scan width.



There are three SmartLF SC 42 Xpress large format scanner models 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.

	SC 42m Xpress	SC 42c Xpress	SC 42e Xpress
Upgradable	m → c m → e	c → e	n/a
Optical Resolution	1200 dpi	1200 dpi	1200 dpi
Extended resolution	Linear interpolation from 100 to 9600dpi in 1 dpi steps		
Max Scan Width	42" (106.7 cm)	42" (106.7 cm)	42" (106.7 cm)
Max Media Width / Thickness	44" (111.7 cm) / 0.08" (2.0 mm)	44" (111.7 cm) / 0.08" (2.0 mm)	44" (111.7 cm) / 0.08" (2.0 mm)
Scan Accuracy	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel
SingleSensor digital imaging technology	SingleSensor is a full width straight-line contact image sensor of 50,400 pixels; a Colortrac invention - patent pending. Bi-directional long-life LED light system for optimum object illumination and instant-on scanning capability		
Max Image Length	Black & White (panchromatic full spectrum) 16-bit primary point greyscale image capture 48-bit primary point colour image capture JPEG and PDF formats are limited to 65535 scan lines with scan length decreasing as dpi increases. Other formats are not length restricted but cannot exceed 4GB. Maximum scan lengths for compressed file formats such as PNG will be reached at smaller file sizes and are dependent on image compressibility.		
Data Capture (color/grayscale)	16-bit	48-bit / 16-bit	48-bit / 16-bit
Color Space	n/a	Raw RGB from scanner sRGB using SmartWorks Touch Profiled RGB from optional SmartWorks Pro	Raw RGB from scanner sRGB using SmartWorks Touch Profiled RGB from optional SmartWorks Pro
Scan Speed @ 200dpi 8-bit grayscale & mono (inch/sec)	13.0	13.0	13.0
Scan Speed @ 200dpi 24-bit color (inch/sec)	n/a	6.0	12.0
Paper Path	Face-up, front entry, rear exit or rewind to front, also front exit with optional Document Return Guide		
Interface	SuperSpeed USB 3.0 data transfer rates up to 85MB/sec Optimised USB2 transfer rates up to 35MB/sec (using 2m USB cable supplied). Local power cable.		
Power Requirements	External power supply 100-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: < 80W scanning / 1.35W standby / 0.16W sleep		
Operating Conditions	10°C - 35°C, 35% - 80% Relative Humidity non-condensing		
Weight & Dimensions (WxHxD)	Scanner: 58.4 lbs (26.5 kg) / 51.2 x 6.0 x 15 inches (130 x 15.2 x 38.1 cm) Packed: 68.3 lbs (31 kg) / 56.8 x 9.3 x 20 inches (144 x 24 x 52 cm)		
Host Platform	Windows 8, Windows 7, Windows Vista - 32-bit and 64-bit architectures		
Certifications	ENERGY STAR qualified, CB, CE, CCC, FCC, UL, RoHS compliant		
SmartWorks TOUCH software (included)	Simple-to-use software for scanning, copying and printing. Intuitive interface designed for touch screens or mouse and keyboard operation. Select the mode, choose the document type closest to the original and press go. All document types can be individually modified. Save to PDF, PDF/A, MPDF, JPEG, JPEG2000, PNG, AutoCAD DWF, TIFF, TIFF LZW, TIF-G4, MTIFF, PCX, BMP. Batch scanning, full preview and all Windows driven printers supported.		
TWAIN	A Twain driver is included which provides basic control over scanner color mode, resolution and paper size setting. A compatible application is required - see Colortrac.com for details.		
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 & Flat screen monitor mounting kit. Optional Document Return Guide for front-feed, front-return capability.		



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Colortrac Key technologies

- Single Sensor: Unique Colortrac CIS modules
- FireFly: SuperSpeed USB3
- SureDrive: Single driven media pressure roller
- ClearView: Innovative Dual LED lighting
- WinSync: Optimised Windows driver technology
- ScanOnce: Efficient scanning and copying workflow

SingleSensor



US Pat. #8,922,849



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