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DESIGNSUPPLY
supporting creativity

SmartLF SC Series

INNOVATION IN WIDE FORMAT SCANNERS AND SOFTWARE

Single Sensor

1200 dpi optical

Super Speed USB3

RoHS

Colortrac
Windows 8
Compatible

Wide Format Scanners for Technical Imaging and Color Graphics with SuperSpeed USB3

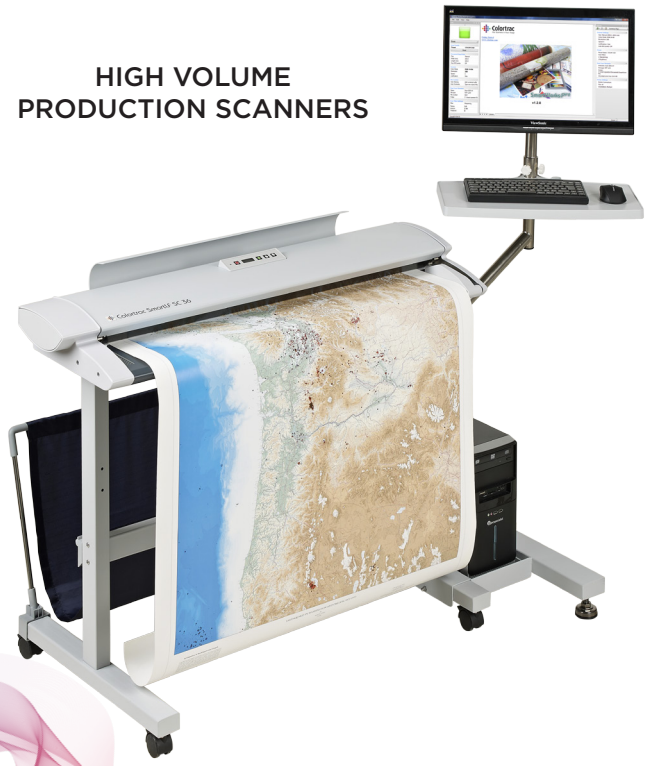
SUITABLE FOR:
TECHNICAL & CAD DRAWING OFFICES,
PROFESSIONAL SCANNING & COPY SERVICES
FOR ARCHITECTS, ENGINEERS, CONSTRUCTION,
GEOGRAPHIC & MAPPING PROJECTS

Colortrac SmartLF SC Series are robust and reliable high volume production scanners. High quality images, a fast scan speed with practical and effective software get even more quality documents scanned every hour.

Available in 42", 36" and 25" image width versions, SmartLF SC scanners are ideally suited to the demanding and difficult volume scanning needs of AEC, CAD, Mapping, GIS and Service Bureau professionals.

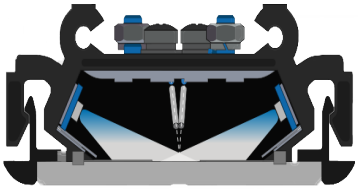
Colortrac **ClearView** lighting technology inside each SmartLF SC Series scanner has been carefully designed to create a highly linear bi-directional LED lighting effect that perfectly illuminates the scan object whilst giving an **Instant-on** response

HIGH VOLUME PRODUCTION SCANNERS



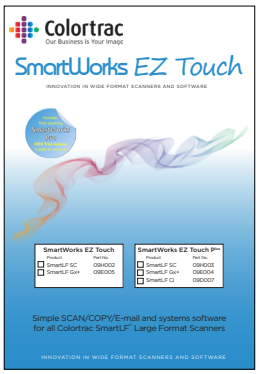
Key Features

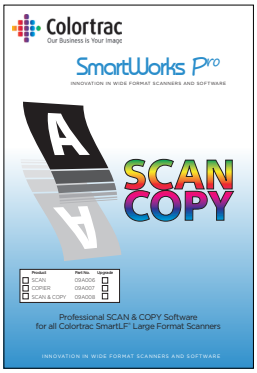
- NEW **SingleSensor Technology** for high quality digital imaging and 1200dpi optical resolution scanning.
- NEW **Firefly Technology** for enhanced USB2 transfer speeds to around 35MB/s and SuperSpeed USB3 speeds to around 85MB/s (host pc allowing).
- NEW **SureDrive Technology** flexible driven document roller system for superior fragile document handling and optimal document-to-sensor contact.
- NEW **Larger Document Staging** area for easy feeding of thin and/or flimsy documents.
- NEW **ClearView Technology** superior bi-directional RGB LED lighting offering optimum object illumination, instant-on scanning and energy economy.
- NEW **EMC® ISIS driver** for fully integrated wide format scanning compatible with common industry EDC / EDM applications. Certified & warranted for 2 years. Allows basic scan settings for resolution, paper size and simple thresholding of black and white scan data and 'scan to cloud' where application allows. Saved file formats depend on host application.
- NEW **SmartWorks EZ Touch** software included. Touch-screen optimized SCAN, COPY and E-mail functions. Supports any printer via the manufacturer's own Windows printer driver.
- NEW **SmartWorks EZ Touch Plus** software. Optional upgrade adds more image manipulation and user control.
- High speed scanning at up to 13 inches/sec in monochrome, 13 inches/sec in grayscale and 6 inches/sec in color for sharp, fine image details.
- Flexible on-site model upgrade path from monochrome to color or express color. A clear growth path as your business expands.

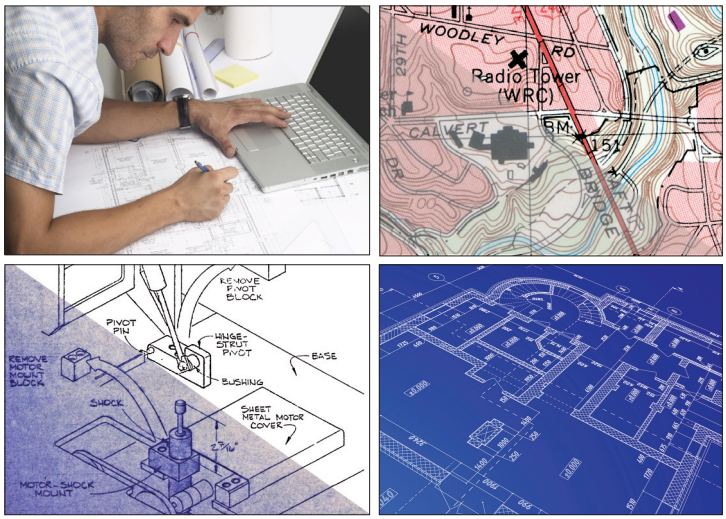


and low power consumption. The 144 tri-color LEDs (42 and 36 inch models) built into the **SingleSensor** never need cleaning and are designed to last the life of the scanner. Colortrac **ClearView** lighting eliminates the effects of shaded areas caused by creases or folds in a document and removes the sensor to sensor differences often seen in older design modular CIS scanners.

Colortrac **FireFly** data transfer technology and SuperSpeed USB3 digital interfacing lets SmartLF SC Series scan large documents into the PC fast at cable data transfer speeds up to 80MB/sec. The FireFly enhanced SC Series USB2 interface also improves the speed of batch scanning tasks up to 50% faster than the conventional USB2, to around 35MB/sec.







Because you need large format scanning solutions that work for you:

The **SmartLF SC series** are each available in three affordable and uniquely upgradable models. Start with a monochrome solution and then upgrade to color when you need it.

Every scanner includes the easy-to-use **SmartWorks EZ Touch** SCAN / COPY / E-mail software which can be used with either touch-screen* or keyboard / mouse modes - switch between them any time you like!

The optional **SmartWorks EZ Touch Plus** adds more image adjustment capabilities to your finger tips.

EZ Touch software combines wide formatscanning and copying in one very easy to use program with full compatibility for many wide format printers through their standard Windows drivers.

The new **SmartWorks Pro** SCAN & COPY software is an optional professional application providing more advanced controls, color calibration that enhances all scanning and copying applications.

The **SmartWorks Pro** evaluation software may be freely downloaded from:-

www.colortrac.com

* Requires proprietary touch screen driver (for Windows 8, 7 or Windows Vista) and a touch sensitive monitor.

Specifications

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		SC 25	SC 36	SC 42
Upgradable		monochrome to color / monochrome to express color / color to express color		
Optical Resolution		1200 dpi	1200 dpi	1200 dpi
Software Scan Resolution		100, 200, 300, 400 or 600 dpi with SmartWorks EZ Touch & Touch Plus; up to 2400 dpi (interpolated) with SmartWorks Pro		
Max Image Scan Width		25" (63.5 cm)	36" (91.4 cm)	42" (106.7 cm)
Max Media Width / Thickness		27" (68.6 cm) / 0.08" (2.0 mm)	38" (96.5 cm) / 0.08" (2.0 mm)	44" (111.7 cm) / 0.08" (2.0 mm)
Minimum Media Size		6.0" (15.2 cm) x 6.0" (15.2 cm)	6.0" (15.2 cm) x 6.0" (15.2 cm)	6.0" (15.2 cm) x 6.0" (15.2 cm)
Scan Accuracy		+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel
Max Pixels		30,000 pixels	43,200 pixels	50,400 pixels
Imaging Technology		New **SingleSensor** (Colortrac patent applied for) that combines CIS technology into a single line, full width, straight line image sensor and 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 and an estimated working-life of 50,000 hours or approximately 24 years scanning at 8 hours/day, 5 days/week and 52 weeks/year.		
Data Capture		48-bit color / 16-bit grayscale		
Color Space		- Raw RGB from scanner - sRGB using SmartWorks EZ Touch - Profiled RGB from optional SmartWorks Pro		
Scan Speed - 8-bit grayscale & mono (in/sec)	**@ 200dpi** **@ 400dpi**	13.0 6.5	13.0 6.5	13.0 6.5
Scan Speed 24-bit color @ 200dpi	**Model "m"** **Model "c"** **Model "e"**	n/a 3.00 6.00	n/a 3.00 6.00	n/a 3.00 6.00
Scan Speed 24-bit color @ 400dpi	**Model "m"** **Model "c"** **Model "e"**	n/a 1.5 3.0	n/a 1.5 3.0	n/a 1.5 3.0
Paper Path		Face-up, front entry, rear exit or return to front using the 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)		
Power Requirements		External power supply 100-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: < 53W (scanning) / 5W (standby)		
Dimensions (WxHxD)		34.2 x 6.0 x 15 inches 86.8 x 15.2 x 38.1 cm	45 x 6.0 x 15 inches 114.8 x 15.2 x 38.1 cm	51.2 x 6.0 x 15 inches 130 x 15.2 x 38.1 cm
Weight		39.7 lbs (18 kg)	52.9 lbs (24 kg)	58.4 lbs (26.5 kg)
Host Platform		Windows 8, Windows 7, Windows Vista, Windows XP - 32-bit and 64-bit architectures		
Certifications		CB, CE, CCC, FCC, UL, RoHS compliant		
Included Software		**SmartWorks EZ Touch** - Touch Screen SCAN&COPY software – supports TIFF, TIFF G4, JPEG, PDF & PNG plus ISIS and TWAIN drivers.		
Optional Software		**SmartWorks EZ Touch P^{lus}** - Touch Screen SCAN & COPY software adds image edit features & user adjustable document presets **SmartWorks Pro** - SCAN & COPY software – industry leading, professional scanning and color-copying software - supports TIFF, TIFF packed bits, TIFF LZW, TIFFG3, TIFFG4, JPEG, JPEG2000, PDF, PNG Multiple Page Document manager for TIFF and PDF files, AutoCAD DWF.		
Optional Accessories		**Floor Stand** - includes Paper Catch Basket plus optional PC, Monitor, Keyboard and Mouse mounting kit. **Repro Stand** - adjustable height to fit over most popular Large Format printers. Includes Keyboard tray, PC & Flat screen monitor mounting kit.		

Notes:
For full details on specification and performance of this product, please refer to http://www.colortrac.com/scanners/
For full details of host system requirements please go to: http://www.colortrac.com/ support/system_requirements/
Use this datasheet in conjunction with the SmartWorks EZ Touch datasheet to gain a complete view of product capabilities

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