SmartLF **SC 36**

INNOVATION IN WIDE FORMAT SCANNERS AND SOFTWARE

Colortrac SmartLF SC 36

Windows 8 Compatible

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

SUITABLE FOR:
TECHNICAL & CAD DRAWING OFFICES,
ARCHITECTS, ENGINEERS, CONSTRUCTION,
FACILITIES MANAGEMENT & ELECTRONIC
DOCUMENT CAPTURE (ISIS)

Specifications

	SC 36m Mono/Grayscale	SC 36c +Color	SC 36e +Express Color
Upgradable	m ☞ c m ☞ e	c ☞ e	n/a
Scanner Optical Resolution	1200 dpi	1200 dpi	1200 dpi
Software Scan Resolution	100 to 600 dpi with SmartWorks EZ Touch & Touch Plus; up to 9600 dpi (interpolated) with SmartWorks Pro		
Max Scan Width	36" (91.4 cm)	36" (91.4 cm)	36" (91.4 cm)
Max Media Width / Thickness	38" (96.5 cm) / 0.08" (2.0 mm)[1]	38" (96.5 cm) / 0.08" (2.0 mm)[1]	38" (96.5 cm) / 0.08" (2.0 mm)[1]
Scan Accuracy	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-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. 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.		
Max Image Length[5]	The maximum image length using SmartWorks EZ Touch is 96" (2438mm). 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	n/a	Raw RGB from scanner sRGB using SmartWorks EZ Touch Profiled RGB from optional SmartWorks Pro	Raw RGB from scanner sRGB using SmartWorks EZ Touch Profiled RGB from optional SmartWorks Pro
Scan Speed[2] - 8-bit grayscale & mono (inch/sec) @200dpi[3]	13.00	13.00	13.00
Scan Speed[2] - 24-bit color (inch/sec) @200dpi[3]	n/a	3.00	6.00
Paper Path	Face-up, front entry, rear exit or rewind to front		
Interface	**SuperSpeed USB 3.0** with upto 5Gb/sec transfer rate (using maximum 3m length cable)		
Power Requirements	External power supply 100-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: < 53W (scanning) / 5W (standby)		
Operating Conditions	10°C – 35°C, 35% – 80% Relative Humidity non-condensing		
Weight & Dimensions (WxHxD)	52.9 lbs (24 kg) 45" x 6.0" x 15" (114.8 x 15.2 x 38.1 cm)		
Host Platform	Windows 8, Windows 7, Windows Vista, Windows XP[8] - 32-bit and 64-bit architectures		
Certifications	CB, CE, CCC, FCC, UL, RoHS compliant and ENERGY STAR qualified		
Included Software[7]	*SmartWorks EZ Touch* - Touch Screen SCAN/COPY/E-MAIL software – supports TIFF, JPEG & PDF, ISIS driver		
Optional Software[7]	*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		
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.		

Notes:
1 - Thick documents up to 2mm must be flexible. Colortrac does not guarantee quoted speeds for thicker media. Thicker 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 recommend 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 200dpi 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 (&/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 & thickness of media. **5** - The maximum resolution & size (width & length) selectable for an image depends on the scan software, is limited by the file format specified, the available disk space and the computer operating system. **6** - The SingleSensor is color calibrated and accurately aligned to within +/- 0.5 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 EZ Touch & SmartWorks EZ Touch PLUS support PC monitors of 15" to 23" with minimum height resolution of 800 pixels or better as a 'full screen' application. **8** - USB3 is not available with Windows XP computers. SC 36 with XP must be connected via USB2. The scanner may need to be slowed down for high scan resolutions and/or wider documents. No extra interface cable is required. This is a limitation of Windows XP.

For full details of host system requirements please go to: http://www.colortrac.com/

VERSION: 2013.03.14