High-speed image and document scanners

SmartLF SC36/SC42

you can

The **SmartLF SC36 and SC42** capture accurate technical images and colour graphics up to 42" wide*. With fast, intuitive operation and a space-saving design, they're ideal for busy environments.

- **UP TO 42" IMAGE WIDTH***
- **UP TO 44" DOCUMENT WIDTH***
- **1200DPI OPTICAL RESOLUTION**
- **UP TO 13" PER SECOND**
- **SCAN UP TO 2.0MM THICKNESS**
- **ENERGY STAR® COMPLIANT**

Key Features

- Versatile scanning – capture documents up to 111.7mm (44") wide x 0.08" (2mm) thick
- Precision image capture – colour scan up to 9600dpi with SmartWorks Pro
- Zero warm-up time – SingleSensor imaging technology provides instant-on scanning
- Maximise productivity – 13 inches per second (ips) B&W/6ips colour scanning at 200dpi

- 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 touch screen is ideal in busy environments
- ENERGY STAR compliant – powers down when idle to conserve energy
- Low TCO – LEDs have an estimated life of 50,000 hours

imagePROGRAF

Canon

* SmartLF SC42

Specifications: SmartLF SC36 and SC42 large format scanners

	SC36			SC42		
Scanner Type						
Model	SC36m	SC36c	SC36e	SC42m	SC42c	SC42e
	Mono/Greyscale	+Colour	+Express Colour	Mono/Greyscale	+Colour	+Express Colour
Optical Resolution	1200dpi					
Extended Resolution[5]	9600dpi[5]					
Max Scan Width	36" (91.4cm)			42" (106.7cm)		
Max Media Width / Thickness	38" (96.5cm) / 0.08" (2.0mm)[1]			44" (111.7cm) / 0.08" (2.0mm)[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 SC36 and 50.400 pixels for SC42, 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 EZ Touch, Profiled RGB from optional Smartworks Pro		n/a	Raw RGB from scanner, sRGB using Smartworks EZ Touch, Profiled RGB from optional Smartworks Pro	
Scan Speed[2] – 8-bit greyscale & mono (inch/sec) @200dpi[3]	13.00					
Scan Speed[2] – 24-bit color (inch/sec) @200dpi[3]	n/a	3.00	6.00	n/a	3.00	6.00
Paper Path	Face-up, front entry, rear exit or rewind to front					
Interface	SuperSpeed USB 3.0 (not compatible with Windows XP) 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	10ºC – 35ºC, 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 38.1cm)			58.4 lbs (26.5 kg) 51.2" x 6.0" x 15" (130 x 15.2 x 38.1cm)		
Host Platform	Windows XP[8], Windows Vista, Windows 7, Windows 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 Plus – 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.					

[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 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 is limited by the file format specified, the available disk space and the computer operating system. SmartWorks EZ Touch maximum image length is 96" (2438mm). Extended resolution of 9600dpi is only selectable by SmartWorks Pro.

[6] The SingleSensor is colour 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. It is a 'full time, 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.

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