High-speed image and document scanners

SmartLF SC36/SC42 Xpress

you can

The **SmartLF SC36 and SC42 Xpress** 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

Colortrac SmartLF SC 42   Xpress

Key Features

- Versatile scanning – capture documents up to 111.7mm (44") wide x 0.08" (2mm) thick

- Precision image capture – colour scan up to 9600 dpi with SmartWorks Pro

- Zero warm-up time – SingleSensor imaging technology provides instant-on scanning

- Maximise productivity – 13 inches per second (ips) B&W/12ips 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

Specifications: SmartLF SC36 and SC42 Xpress large format scanners

Scanner Type	SC36 Xpress			SC42 Xpress		
Model	SC36m Xpress	SC36c Xpress	SC36e Xpress	SC42m Xpress	SC42c Xpress	SC42e Xpress
	Mono/Greyscale	+Colour	+Express Colour	Mono/Greyscale	+Colour	+Express Colour
Optical Resolution	1200 dpi					
Extended Resolution[5]	9600 dpi[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 Xpress and 50.400 pixels for SC42 Xpress, 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. Adobe RGB and Profiled RGB from optional SmartWorks Pro.		n/a	Raw RGB from scanner. sRGB using SmartWorks EZ Touch. Adobe RGB and 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	6.00	12.00	n/a	6.00	12.00
Paper Path	Face-up, front entry, rear exit or rewind to front					
Interface	SuperSpeed USB 3.0 (not compatible with Windows XP) with upto 85MB/sec. transfer rate (using maximum 2m cable length cable), Optimised USB 2 up to 35MB/sec (using 2m USB cable supplied)					
Power Requirements	External power supply 115-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: < 53W (scanning) Sleep power: 1.35 w Standby power: 0.3 w					
Operating Conditions	10°C – 35°C, 35% – 80% Relative Humidity non-condensing					
Weight & Dimensions (WxHxD)	53 lbs (24kg) 45.1" x 6.0" x 15" inches (115 x 15.2 x 38.1 cm)			58.4 lbs (26.5 kg) 51.2" x 6.0" x 15" (130 x 15.2 x 38.1cm)		
Host Platform	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, PNG file format supported					
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					
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.					

[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 200 dpi 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 9600 dpi 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.

ENERGY STAR

Colortrac — Our Business is Your Image

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FINE — Full-photolithography Inkjet Nozzle Engineering

LUCIA ink

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