

SmartLF SGi 44

HIGH QUALITY, LARGE FORMAT STAND-ALONE SCANNING SOLUTIONS

Sharp and accurate with superb colour, the SmartLF SGi 44 of wide format scanners are perfect for the faithful reproduction of the vibrant, accurate colours needed by graphics professionals as well as fast technical imaging.



Superb quality

- CCD technology used in professional quality cameras
- Superior colour imaging with wide colour gamut and a high dynamic range
- Market-leading 1200 dpi optical resolution
- Vibrant, accurate colours for graphics professionals
- Sharply defined line detail on technical documents and maps

High productivity

- Fast scanning up to 13 inches per second (mono) and 8 inches per second (colour) at 200dpi
- No warm up or waiting time required with innovative LED lighting system
- Magnetic document guide for easier, more reliable and skew-free loading in high volume environments
- Minimal service and calibration requirements for uninterrupted operation
- 2GB of on-board scan data memory ensures smooth progress of documents through the scanner

Versatile media handling

- Scan documents up to 15mm thick with ease
- Scan images mounted on materials like foam-based boards without sacrificing quality

Quick and easy installation and upgrading

- Plug and play set up: simply plug the scanner into your PC via USB2 or USB3
- No specialist support from IT required.
- Network ready with a gigabit Ethernet connection

Excellent sustainability

- ENERGY STAR® qualified for energy efficient scanning
- Designed with solid materials with a vision for long-term use
- Optimised for quiet operation to minimise disturbance in shared environments

Canon

TECHNICAL SPECIFICATIONS

SmartLF SGI 44

PRINTER MODEL	SGi 44c	SGi 44e
Maximum Scan Width	44in (111.8 cm)	44in (111.8 cm)
Maximum Media Width	46in (116.8 cm)	
Max Media Thickness	0.6in (15mm)	
Extended Resolution	Linear interpolation from 100 to 9600dpi in 1 dpi steps	
Optical Resolution	1200 dpi	
Imaging Technology	6 x CCDs each with red, green, blue and gray sensor lines. 48-bit color image capture, 16-bit grayscale image capture, black and white (panchromatic full spectrum)	
Light Source	2D long-life ClearView white LED light illumination system for optimum object illumination and instant-on scan availability	
Optics	6 x micro lens with integral infra-red filter	
Scan Accuracy	+/-0.1% +/-1 pixel	
Max Image Length (Not limited by scanner)	The maximum resolution and size (width and length) for a SmartWorks Imaging image is limited by the file format specified, the available disk space and the computer operating system.	
Data Capture (color/grayscale)	48-bit / 16-bit	
Color Space	Adobe RGB, Profiled RGB, sRGB and RAW RGB	
Scan Speed - 8-bit grayscale and mono (in/sec) @200dpi	13	13
Scan Speed - 24-bit color (in/sec) @200dpi	4	8
Paper Path	Face-down, Front entry, Rear exit, Side load	
Interface	USB 3.0 data transfer rates up to 85MB/sec. Optimised USB2 transfer rates up to 35MB/sec. Gigabit Ethernet network-ready. 2m long USB2/USB3 and Gigabit Ethernet cables supplied	
Power requirements and consumption	External power supply 100-240VAC autosensing +/-10%, 50-60Hz Scanner power consumption 72W (scanning) / 2.5W (standby)	
Operating conditions	10°C - 35°C, 35% - 80% Relative Humidity non-condensing	
Weight and Dimensions (WxHxD)	Scanner: 112 lbs (51 kg) / 56 x 8 x 18 inches (143 x 21 x 45 cm) Packed: 123 lbs (56 kg) / 62 x 12 x 22 inches (157 x 31 x 57 cm)	
Host Platform	Windows Server 2019 64-bit, Windows 11 64-bit, Windows 10 64-bit and 32 bit.	
Certifications	CE, cUL/UL, CCC, EAC, BIS, FCC Class A, ICES, EMC, VCCI, KC, EuP, WEEE, RoHS, REACH and ENERGY STAR® certified	
SmartWorks Imaging scanning software (optional)	SmartWorks Imaging Professional-level scan & copy software. Fully color-managed scan environment for ultimate color fidelity. Save to TIFF, multi-page TIFF, JPEG, PDF, multi-page PDF, PNG, AutoCAD DWF, BMP and PCX file formats. Adjustable filters for in-line scan processing or build your own interactively. Internal and Windows printer drivers.	
TWAIN (included)	A Twain driver is included which provides basic control over scanner color mode, resolution and paper size setting. A compatible application is required - see web site for details.	
SmartWorks TOUCH (included)	Simple-to-use icon based touch screen software. Supports Single page PDF, PDF/A, JPEG, JPEG2000, PNG, TIFF, TIFF G4, TIFF LZW, PCX, BMP, AutoCAD DWF and Multi-page PDF and TIFF, with image edit features and user adjustable document presets.	
Accessories	Floor Stand with included Paper Catch Basket - PC, Monitor, Keyboard and Mouse mounting kit Repro Stand (adjustable height to fit most popular large format printers). Includes Keyboard Tray, PC and Flat Screen Monitor Mounting Kit - Document Return Guide for front-feed, front-return capability	

There are two SmartLF SGI high definition large format scanner models with performance levels and features optimised for different applications.

	44" models
Enhanced Colour	SGi 44e
Colour	SGi 44c

Colortrac CCD Key Technologies:

- LED illumination: long life, low energy and instant-on
- High speed Ethernet and USB3 interface: maintain high speed at high dpi - get more done
- Fast 8 ips color scan speed: high productivity
- Manual thick media system: fast, mechanically simple, low maintenance - quick and easy to use
- ScanOnce: Efficient scanning and copying workflow
- FireFly: SuperSpeed USB3
- SureDrive: Single driven media pressure roller
- ClearView: Innovative Dual LED lighting
- WinSync: Optimised Windows driver technology

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