

you can
Canon

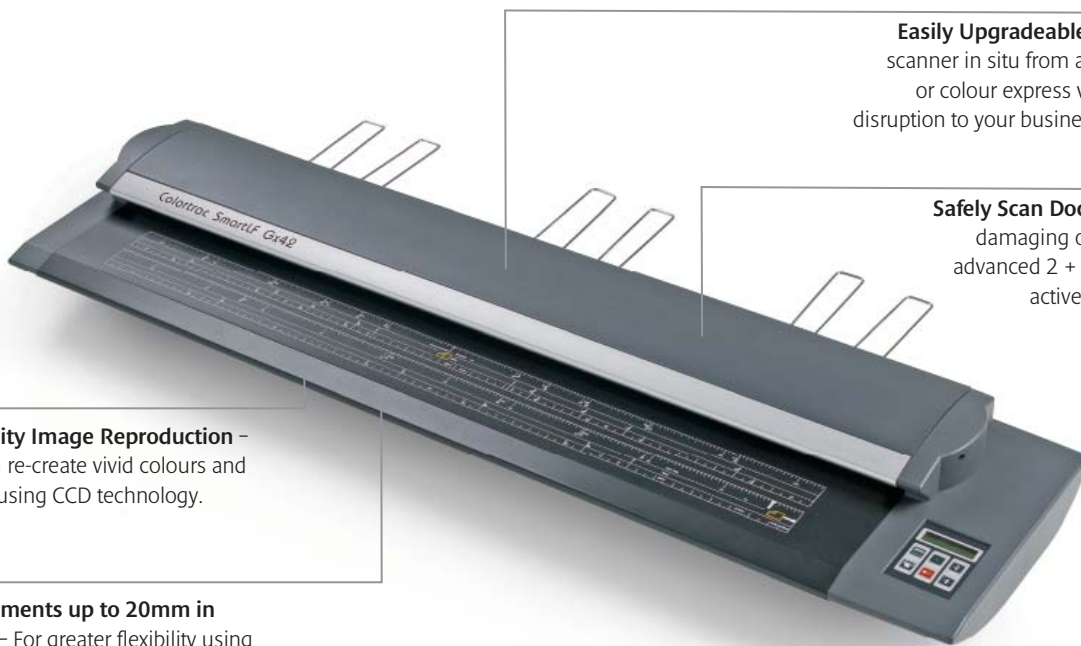
SmartLF Gx 42/GxT 42 Large Format CCD Scanner

Effortless scanning of large format documents

COLORTRAC

Compatible with iPF8000S and iPF9000S

The Gx 42 and GxT 42 scanners allow you to scan and copy high quality colour large format documents, quickly and easily, avoiding outsourcing your work. Combined with a Canon large format printer, they're ideal for use in print for pay applications where scanning, copying and printing large documents is in high demand.



Easily Upgradeable - Upgrade your scanner in situ from a mono to colour or colour express version, avoiding disruption to your business and lost time.

Safely Scan Documents - Avoid damaging originals through advanced 2 + 3 all wheel drive active paper transport.

High Quality Image Reproduction - Ensure you re-create vivid colours and fine detail using CCD technology.

Scan documents up to 20mm in thickness - For greater flexibility using Motorised Thick Media (GxT only).

42 inch image width	48 inch document width	1200dpi optical resolution	Upto 6" per second	216,000 pixels	Upto 20mm thickness
------------------------------	---------------------------------	----------------------------------	-----------------------------	-------------------	---------------------------

- Start scanning and copying straight away - SmartLF "ready to run" software included
- Scan up to 6" per second - To quickly scan and copy documents

We Speak Image

Three versions available: Gx 42m/GxT 42m

Captures wide dynamic range of black and white photos & drawings at speeds up to 6"/s

Gx 42c/GxT 42c

Adds wide colour gamut scanning to the 42m with colour scan speeds up to 0.75"/s

Gx 42e/GxT 42e

Adds express wide colour gamut scanning at speeds up to 3"/s

		M	C	E
Maximum image width	42in (106.7cm) Image length: not limited by scanner	•	•	•
Maximum media width ¹	48in (121.9cm) Thickness: Gx 0.02in (0.5mm) / GxT 0.8in (20mm)	•/ø	•/ø	•/ø
Scan speeds ² in/sec	24-bit RGB colour @ 200dpi (not Turbo Mode - see note) ³ 8-bit greyscale & monochrome @ 200dpi 200dpi (not Turbo Mode - see note) ³	-	0.75	3.00
Scan accuracy ⁴	+/-0.1% +/-1 pixel	6.00	6.00	6.00
Optical resolution	Dots per inch (dpi) (input 1200 x 600 / output 600 x 600)	•	•	•
Extended resolution ⁵	Linear interpolation from 100 to 9600dpi in 1 dpi steps	1200	1200	1200
Scan modes	16.7 million colour RGB (24-bit) 256 & 16 colour RGB adaptive indexed colour palette (8-bit & 4-bit) 256 level greyscale (8-bit) Black & White (1-bit)	9600	9600	9600
Digital image processing (Colortrac software options provide a comprehensive range of 'post scan' image processing filters and tools)	2D Intelligent Adaptive Thresholding (IAT) (1-bit mode) Fixed Threshold Black & White (1-bit mode) Dynamic Normalisation Application (DNA) with 16-bit super sampled data	-	•	•
Colour space	Normalised/linearised Raw RGB data	•	•	•
Colour image processing	Gamma, brightness, black & white point adjustment	-	•	•
Advanced 2+3 wheel-drive Active Paper Transport (APT)	Dual, precision ground drive rollers Dual, all-wheel-drive contour rollers with high grip rubber tyres Single, belt driven pressure roller for active media control during scans Accurate, zero maintenance optical media sensors & automatic media size detection, centre or side justified media positioning	•	•	•
Motorised Thick Media (MTM) adjustment (GxT range)	Adapts the APT for media up to 20mm (0.8in) thick Automatic detection of optimum grip roller pressure Simple operation from scanner control panel at the touch of a button	ø	ø	ø
All digital image sensor technology	5 x quadri-linear CCDs each with 10,800 pixels (RGB + monochrome) 5 x ultra-compact self-contained digital camera units (DCUs) 216,000 pixels (RGB triplets + panchromatic B&W) 48-bit primary point colour image capture 16-bit primary point greyscale image capture Panchromatic Black & White	•	•	•
Light source	Twin high efficiency T5 fluorescent lamps of 5/8" (1.6cm) diameter	•	•	•
Optics	5 x micro lens with integral infra red filter	•	•	•
User status & One Touch operation	LCD panel (scanner status, mode & settings), stop, forward & rewind Scan/Copy buttons Open/Close buttons (GxT range)	•	•	•
Scanner maintenance and user replaceable parts	Customer installable, plug 'n' play scanner Precision media calibration with DNA 16-bit super sampled data Chemically treated, scratch resistant scan glass	ø	ø	ø
SmartLF software (included)	Colortrac SmartLF ready to run software with: Scan_to_file with real-time image viewer Scan_to_copy with real-time image viewer Scan_to_email with real-time image viewer Drivers, TIFF, JPEG, PDF file formats	•	•	•
Interface (included)	USB2 / 2m USB2 cable / local power cable / rear media supports Windows Image Acquisition (WIA) / Still Image Interface (STI)	•	•	•
Dimensions & weight	56.7in wide x 6.7in high x 14.4in deep (144 x 17 x 37cm) 102Lbs (46kg)	•	•	•
Power requirements	90 - 250 VAC autosensing, 47 - 63 Hz, 240 VA (scanning)	•	•	•
Scan software	ScanWorks - professional scan_to_archive & post scan image processing	ø	ø	ø
Copy software	CopySmart - professional scan_to_print with IT8 colour matching	ø	ø	ø
EDC software	ISIS™ driver - connect seamlessly to EDM systems & database	ø	ø	ø
Scanner accessories	Floor stand 30.7in high x 21.7in deep (78 x 55cm) 29Lbs (13kg) Paper catch basket (floor stand is required) PC & LCD monitor mounting kit (floor stand is required) Universal repro stand with PC & LCD monitor mounting kit 75in wide x 61in high (max incl. scanner) x 29in deep (189 X 155 x 74cm) 113Lbs (51kg), max permissible printer height 49in (125cm)	ø	ø	ø

• standard • optional - not supported

¹ Media wider than 43in may exhibit some degradation in the image.

² The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on the host system performance. Quoted top speeds decrease for originals wider than 24in and are not guaranteed for all media types.

³ Turbo Mode speeds can be twice as fast as regular non-turbo speed ratings but offer virtually no image quality gains over scans made at half the quoted resolution. Turbo mode scanning uses digital software interpolation to double the resolution in the paper direction to simulate higher resolution scanning.

⁴ The quoted scan accuracy is valid for media up to 0.5mm thick and may vary depending on the operating environment and the type & thickness of media. Colortrac measures accuracy by scanning a paper original printed with a square target.

The pixel co-ordinates of the target image are measured and compared with the known dimensions of the original. SmartLF Gx 42 scanners are tested at 20C +/- 3C, 60% +/- 10% RH.

⁵ The maximum resolution selectable for an image is limited by the file format specified & the available disk space.

Colortrac recommends Intel Pentium, Core Duo, Core 2 Duo, HT (Hyper-Threading) and AMD Athlon Dual Core processors, at least 512MB RAM, USB2 and Windows™ XP Home, Windows™ XP Professional or Windows™ Vista operating systems. SmartLF drivers support 32-bit and 64-bit processor architectures. Contact your supplier for advice on the optimum system configuration for your application. Colortrac SmartLF Gx 42 scanners comply with CB, CE, FCC, UL and RoHS standards and regulations. Colortrac Ltd makes no warranty of any kind with respect to the information contained in this document and reserves the right to change specifications without notice. Colortrac and Smart LF are trademarks of Colortrac Ltd. All other trademarks are the property of their respective owners. Copyright © 2007 Colortrac Ltd. COLORTRAC SMARTLF WIDE FORMAT SCANNERS ARE DESIGNED AND MANUFACTURED BY COLORTRAC.



you can
Canon

Canon Inc.
www.canon.com

Canon Europa N.V.
www.canon-europe.com

© Canon Europa NV 2008