SmartLF Gx+/Gx+ T42

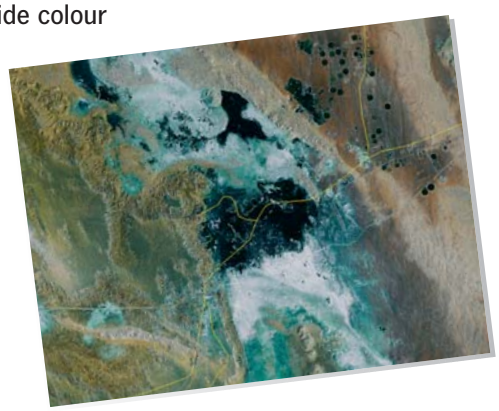
25”
42”
56”

LARGE FORMAT CCD SCANNER RANGE

SmartLF Gx42+ wide format scanners are ideal for reprographics bureau, copyshops, graphic design, mapping & GIS professionals.

- 42” image width
- Instant-on LED illumination -no fluorescent tubes!
- Suits all A0+/E-size+ scan & copy jobs
- True 1200dpi optical resolution
- 9600 extended resolution
- Optional thick media scanning (0.8”/20mm)
- 48-bit colour capture
- High speed scans of full colour graphics and monochrome documents

SmartLF Gx+ / Gx+ T42 scanners produce fast, high quality scans, copies or file distribution of large format photographs, satelite images, artwork, graphic designs, posters and other documents that require a wide colour gamut and a high dynamic range.



These 42" scanners use advanced 48-bit CCD technology, industry leading1200dpi optical resolution and instant-on 2D LED illumination to accurately capture the finest details in maps, engineering drawings, blueprints, site plans, architectural renderings and many other technical documents in monochrome or colour. The Colortrac developed the 2+3 all wheel drive Active Paper Transport (APT) ensures consistent glass contact and sensitive, reliable throughput on all types of wide media, from delicate paper to heavy mylar. One touch initiates automatic Motorised Thick Media adjustment for scanning mounted originals on media up to 0.8"/20mm thick.

THREE versions available with standard (0.08"/2mm) and thick (0.8"/20mm) media options:

Gx+ 42m/Gx+ T42m

captures wide dynamic range of B/W photos and CAD drawings at speeds up to 12ips.

Gx+ 42c/Gx+ T42c

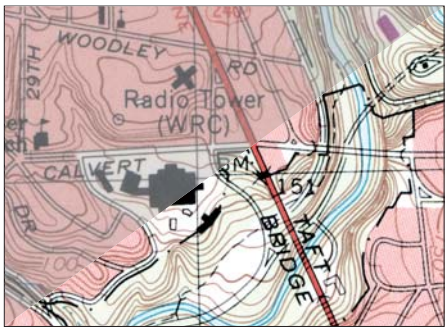
adds 48-bit wide colour gamut scanning with colour scan speed up to 1ips.

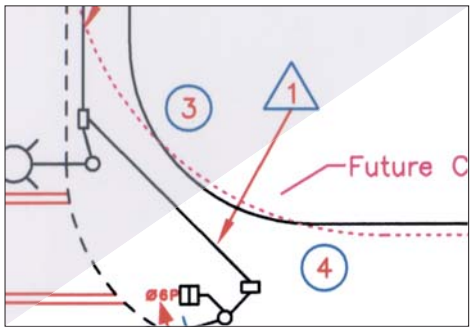
Gx+ 42e/Gx+ T42e

adds express wide colour gamut scanning with colour scan speeds up to 4ips.

Easy internet upgrades- m and c models can be easily upgraded to c or e models

Clear, simple controls and easy access for cleaning





Designed for Energy Star compliance, when not in use, the scanner powers down into an energy and money-saving sleep mode, leaving it ready for instant use! With no fluorescent tubes, there's no warm-up, no waiting. Just immediate productivity from instant-on with minimised environmental impact !

An investment in SmartLF Gx+/Gx+ T42's unmatched, true 1200dpi optical resolution and CCD technology extends your scanning options and will provide state-of-the-art benefits for years to come!

Colortrac
Our Business is Your Image

Scan confident. Scan Colortrac.

SmartLF Gx+ 42/Gx+ T42

LARGE FORMAT PROFESSIONAL QUALITY CCD SCANNERS

The SmartLF Gx+ 42 & Gx+ T42 (thick media) scanner models are available in three performance levels with features optimised for different applications. If your requirements change, the m and c models can be upgraded on-site at your premises quickly and easily using our simple scanner upgrade process via email.

● standard ∅ optional — not supported

Feature	SmartLF Gx+ / Gx+ T42 wide format scanner model:	m	c	e
Maximum image width	42in (106.7cm) Image length: not limited by scanner	●	●	●
Maximum media width[1]	46in (117cm) Thickness: Gx+ 0.08in (2mm) / Gx+T 0.8in (20mm)	●/∅	●/∅	●/∅
Scan speeds[2] in/sec	24-bit RGB colour @ 200dpi [3] (Turbo Mode available but not used)	–	1.00	4.00
	8-bit greyscale & monochrome @ 200dpi [3] (Turbo Mode available but not used)	12.00	12.00	12.00
Scan accuracy [4]	+/-0.1% +/-1 pixel	●	●	●
Optical resolution	Dots per inch (dpi) User selection of 1200x1200 or 600x600 modes	1200	1200	1200
Extended resolution [5]	Linear interpolation from 100 to 9600dpi in 1 dpi steps	9600	9600	9600
Scan modes	16.7 million colour RGB (24-bit)	–	●	●
	256 & 16 colour RGB adaptive indexed colour palette (8-bit & 4-bit) [6]	–	●	●
	256 level greyscale (8-bit)	●	●	●
	Black & White (1-bit)	●	●	●
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 sRGB or similar	-	●	●
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 media hold down roller optimised for superior L/R stitch	●	●	●
	Face down, front loading, rear exit media path with side or centre justification	●	●	●
	Automatic media size detection with reliable optical media sensors	●	●	●
Motorised Thick Media [MTM] adjustment (Gx+T 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	∅	∅	∅
All digital image sensor technology	6 x quadri-linear CCDs each with 10,800 pixels (RGB + monochrome)	●	●	●
	Rigid monocoque chassis provides accurate camera positioning & location	●	●	●
	48-bit primary point colour image capture	-	●	●
	16-bit primary point greyscale image capture	●	●	●
	Panchromatic monochrome and black & white	●	●	●
Light source	Dual 2D extra long-life LED light system for optimum object illumination and instant-on scanning capability	●	●	●
Optics	6 x micro lens with integral infra red filter	●	●	●
User status & One Touch operation	LCD scanner control panel provides easy walk up operation and user selection of scanner mode with stop, forward, rewind, scan & copy buttons.	●	●	●
	User selectable IP address, local language options and panel overlay. [7]	●	●	●
	Open / Close buttons (Gx+ T range)	∅	∅	∅
Scanner maintenance and user replaceable parts	Customer installable, plug 'n' play scanner.	●	●	●
	Precision media calibration with DNA 16-bit super sampled data	●	●	●
	Automatic digital stitch adjustment / Easy access for cleaning	●	●	●
	Chemically treated, scratch resistant scan glass with magnetic mounts	●	●	●
SmartLF All-in-One 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	●	●	●
	Scanner drivers, TIFF, JPEG, PNG, PDF file formats	●	●	●
Interface (included)	Gigabit ethernet & USB2 / 2m data cables / local power cable	●	●	●
	Windows Image Acquisition (WIA) / Still Image Interface (STI) [8]	●	●	●
Dimensions & weight	56.7in wide x 7in high x 14.6in deep (144 x 18 x 37cm) 97Lbs (44kg)	●	●	●
Power requirements	External power supply 100~250 VAC autosensing +/-10%, 50~60Hz, 180VA (scanning) 5VA (standby)	●	●	●
Environmental impact	Designed for ENERGY STAR compliance, RoHS compliant, polymer foam free packaging & recycle friendly components	●	●	●
Operating conditions	10°C – 35°C, 35% - 80% RH non-condensing	●	●	●
Scan software	ScanWorks ~ professional scan-to-archive & post scan image processing	∅	∅	∅
Copy software	CopySmart ~ professional scan-to-print with IT8 colour matching	∅	∅	∅
EDC software	ISIS™ driver ~ connect seamlessly to EDM systems & database	∅	∅	∅
Scanner accessories	Floor Stand 32.3in high x 21.7in deep (82 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)	∅	∅	∅

[1 Media wider than 43in (109.2cm) 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 maybe limited by the effective bandwidth of the USB2 or ethernet i/f 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 scan direction to simulate higher resolution scanning.] [4 The achieved scan accuracy 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+ scanners are tested at 200C +/- 30C, 60% +/- 10% RH non-condensing.] [5 The maximum resolution & size selectable for an image is limited by the file format specified, the available disk space & the computer operating system.] [6 16 colour RGB (4-bit) adaptive indexed palette images are a feature of the optional Colortrac ScanWorks software.] [7 Languages supported: English, Chinese (Mandarin), Japanese, Korean, French, German, Italian, Russian, Spanish.] [8 Microsoft WIA / STI is specified for the USB interface only.] [Colortrac recommends Intel Pentium, Core Duo, Core 2 Duo, HT (Hyper-Threading) and AMD Athlon Dual Core processors, at least 1GB RAM, Gigabit ethernet, 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+ scanners are designed to comply with ENERGY STAR, 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.

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