

Versatile, high speed document scanner

SmartLF Gx+ 42/Gx+ T42

you can

The SmartLF Gx+ 42 and Gx+ T42 scanners allow you to scan high quality colour and black & white documents, quickly and easily. Combined with a Canon Large Format Printer they're an ideal scan, copy and print solution.

42"
IMAGE WIDTH

46" DOCUMENT
WIDTH

1200DPI OPTICAL
RESOLUTION

UP TO 12"
PER SECOND

SCAN UP TO
20MM THICKNESS

ENERGY STAR
COMPLIANT



Key Features

- Energy Efficient - Energy Star compliant, powers down when idle.
- High Quality Image Reproduction – Ensure you re-create vivid colours and fine detail using CCD technology and a 1200dpi optical resolution.
- Scan documents up to 20mm in thickness – For greater flexibility using Motorised Thick Media (Gx+ T only).
- Network Ready - Gigabit ethernet to connect to your business LAN.
- High Productivity - Scan 12 ips (inches per second) in mono and 4 ips in colour.
- Start scanning and copying straight away – SmartLF “ready to run” software included.
- Sharp line definition and crisp graphic reproduction with 48-bit colour capture.
- Easy configuration - Plug and Play high speed USB 2.0 connection.
- Instant-on - Unique 2D illumination system.

 imagePROGRAF

Canon

Specifications: Gx+ 42/Gx+ T42 large format scanners

The SmartLF Gx+ 42 & Gx+ T42 (thick media) scanner models are available in three performance levels with features optimised for different applications, **m** for monochrome, **c** for colour and **e** for colour express. 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.

| | | 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) | • / o | • / o | • / o |
| Scan speeds ² in/sec | 24-bit RGB colour @ 200dpi 8-bit greyscale & monochrome @ 200dpi | - 12.00 | 1.00 12.00 | 4.00 12.00 |
| Scan accuracy ³ | +/-0.1% +/-1 pixel | • | • | • |
| Optical resolution | Dots per inch (dpi) (User selection of 1200x1200 or 600x600 modes) | 1200 | 1200 | 1200 |
| Extended resolution ⁴ | 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) ⁵ 256 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 RAW RGB or sRGB | - | • | • |
| Colour image processing | Gamma, brightness, black & white point adjustment | - | • | • |
| Advanced 2+3 wheel-drive | Dual precision ground drive rollers | • | • | • |
| Active Paper Transport (APT) | 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 adjustment (MTM) (Gx+ T range) | Adapts the APT for media up to 20mm (0.8in) thick Automatic detection of optimum grip roller pressure | o o | o o | o o |
| All digital image sensor technology | Simple operation from scanner control panel at the touch of a button 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 | o • • - • • | • • • • • • | o • • • • • |
| 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 ⁶ MTM control buttons (Gx+ T range) | • • • o | • • • o | • • • o |
| 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) | 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, PNG, PDF file formats | • • • • | • • • • | • • • • |
| Interface (included) | Gigabit ethernet (2m) & USB2 (2m) data cables / local power cable Windows Image Acquisition (WIA) / Still Image Interface (STI) ⁷ | • • | • • | • • |
| Dimensions & weight | 56.7in wide x 7in high x 14.6in deep (144 x 18 x 37cm) 97Lbs (44kg) | • | • | • |
| Power requirements | 72Wh (scanning) 4.5Wh (Standby) | • | • | • |
| Scanning power consumption | 100 ~ 250 VAC autosensing +/-10%, 50 ~ 60Hz | • | • | • |
| External power supply | ENERGY STAR and RoHS compliant | • | • | • |
| Environmental impact | 10°C - 35°C, 35% - 80% RH non-condensing | • | • | • |
| Operating conditions | ScanWorks™ professional scan_to_archive & post scan image processing CopySmart™ professional scan_to_print with IT8 colour matching ISIS™ driver™ connect seamlessly to EDM systems & database | o o o | o o o | o o o |
| Scan software | Floor Stand 32.3in high x 21.7in deep (82 x 55cm) 29Lbs (13kg) | o | o | o |
| Copy software | Paper catch basket (floor stand is required) | o | o | o |
| EDC software | PC & LCD monitor mounting kit (floor stand is required) | o | o | o |
| Scanner accessories | Universal repro stand with PC & LCD monitor mounting kit 72in wide x 53.5in high (max incl. scanner) x 31.5in deep (183 x 136 x 80cm) 99Lbs (45kg), max permissible printer height 45.5in (115.5cm) | o o | o o | o o |

• standard o optional - not supported

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.
³ Quoted top speeds may be limited by the effective bandwidth of the USB2 or ethernet i/f and are not guaranteed for all media types.

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 68.58cm (27in) square target. The pixel co-ordinates of the corner points of the target image are measured and compared with the known dimensions of the original. SmartLF Gx+ scanners are tested at 20°C +/- 3°C, 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: Arabic, Chinese (Traditional), English, French, German, Italian, Japanese, Korean, Portuguese, 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 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 SmartLF are trademarks of Colortrac Ltd. All other trademarks are the property of their respective owners. Copyright© 2009 Colortrac Ltd.



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