



Maps



CAD &amp; Technical Drawings



Photographs



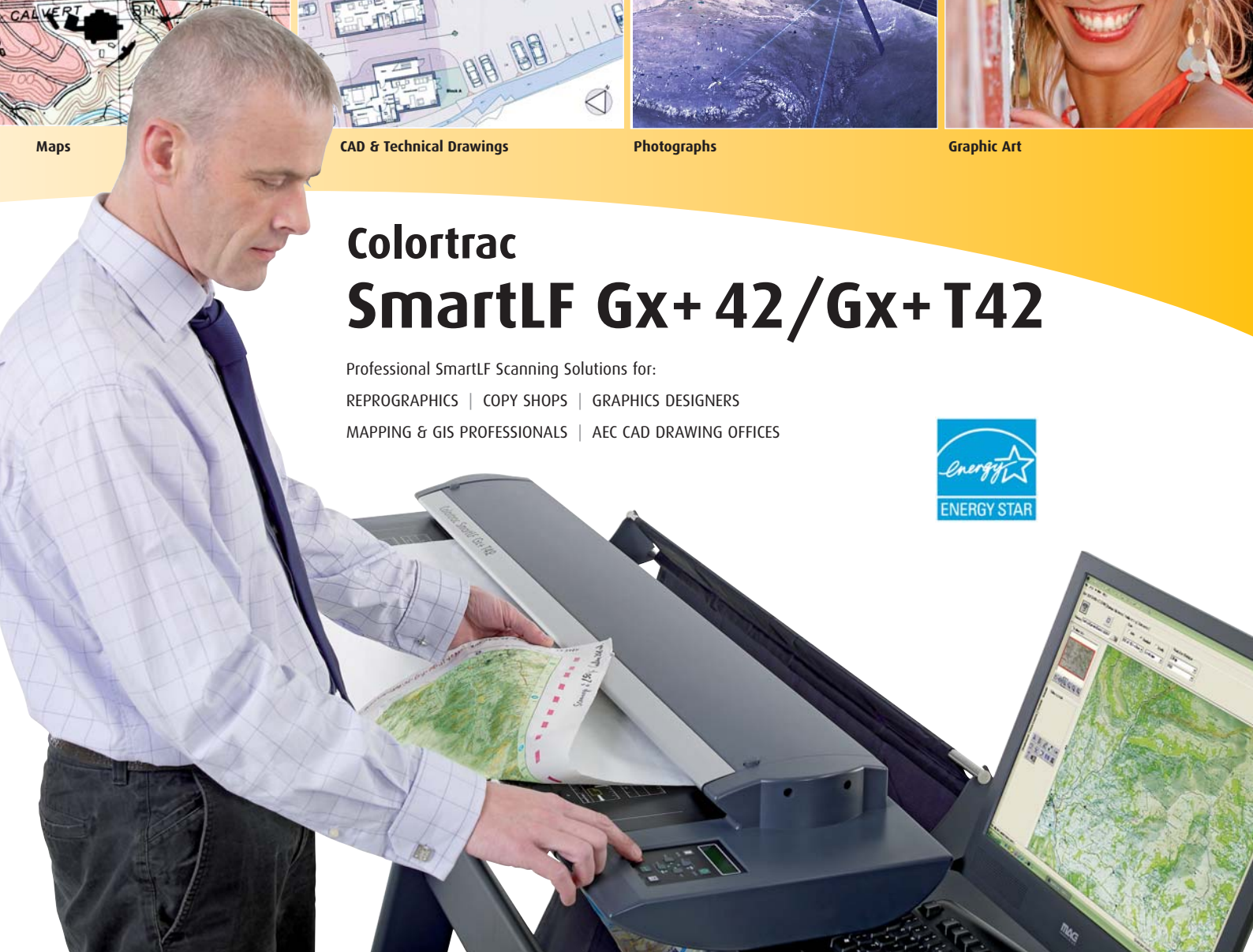
Graphic Art

# Colortrac SmartLF Gx+ 42/Gx+ T42

Professional SmartLF Scanning Solutions for:

REPROGRAPHICS | COPY SHOPS | GRAPHICS DESIGNERS

MAPPING & GIS PROFESSIONALS | AEC CAD DRAWING OFFICES



- ▶ Unique 2D LED<sup>1</sup> illumination system – instant-on, long-life, no fluorescent tubes
- ▶ Full high definition (HD) 1200dpi optical CCD<sup>2</sup> resolution – the highest on the market
- ▶ ENERGY STAR<sup>®</sup> qualified – uses 30% less power and 94% less when idle – cuts costs
- ▶ High productivity – scan A0/E-size documents FAST at 12ips @ 200dpi mono and 4ips color
- ▶ Optional ScanWorks<sup>3</sup> software offers outstanding "scan once interactive 2D image restoration"
- ▶ 42" image width, 46" document width - ideal for A0, E and architectural E-size document scanning
- ▶ Combines faithful 48-bit color graphics capture with crisp, sharp line definition for maximum capability
- ▶ Motorized thick media option for board mounted originals up to 0.8"/20mm in Gx+ T42
- ▶ Network-ready – Gigabit Ethernet connectivity using unlimited LAN cable length
- ▶ Easy configuration with Plug and Play high speed USB 2.0 connection
- ▶ SmartLF All-in-One Scan and Copy software included
- ▶ Affordable, professional value for money!

The SmartLF Gx+ range is the first true 1200dpi optical resolution CCD scanner. It combines the benefits of new, instant-on LED lighting - lower energy requirements, a longer life and reduced environmental impact - with the superior color imaging attributes of CCD technology. In one uniquely versatile system, you get both the AEC, CAD and GIS users' need for sharply defined line detail in technical documents and maps combined with the highly accurate color reproduction and copying demanded by graphics professionals.

Colortrac's 6th generation SmartLF Gx+ 42 range now defines a new industry benchmark. Its combination of instant-on, long-life 2D LED illumination, full 1200dpi optical CCD resolution, power-saving ENERGY STAR compliance and fast scan speeds is unavailable in any other product. Importantly, the SmartLF is the only scanner with "scan once" software that works in real-time without a need to rescan, saving you time and money, making you more productive.... making the attractively-priced SmartLF Gx+ 42 range the best-of-breed in CCD-based scanning.



**Colortrac**  
Our Business is Your Image

**SmartLF Gx+ 42**

Professional SmartLF Scanning Solutions for REPROGRAPHICS | COPYSHOPS | GRAPHICS DESIGNERS | MAPPING &amp; GIS PROFESSIONALS | AEC CAD DRAWING OFFICES

**Because you need large format scanning solutions that work for you:**

- ▶ Gx+ 42 scans technical documents sharply and color graphics superbly
- ▶ Unrivalled image capture displays a full color gamut with shadows and highlights
- ▶ Has full compatibility with wide format printers through standard Windows drivers
- ▶ Optional ScanWorks<sup>3</sup> has "the best" interactive 2D image restoration for reclaiming image detail
- ▶ Optional CopySmart provides easy, high definition professional color scan and print productivity
- ▶ CopySmart's professional color management controls ensure top quality color copies every time



Specification	Gx+ 42m/Gx+T42m mono/grayscale	Gx+ 42c/Gx+T42c +Color	Gx+ 42e/Gx+T42e +Express Color
UPGRADEABLE Note: No upgrade available from Gx+ to Gx+T models	m → c m → e	c → e	N/A
OPTICAL RESOLUTION	1200 dpi	1200 dpi	1200 dpi
INTERPOLATED RESOLUTION	9600 dpi	9600 dpi	9600 dpi
MAX SCAN WIDTH	42" (106.7cm)	42" (106.7cm)	42" (106.7cm)
MAX MEDIA WIDTH	46" (116.8cm)	46" (116.8cm)	46" (116.8cm)
MAX MEDIA THICKNESS	0.08" (2mm)/0.8" (20mm)	0.08" (2mm)/0.8" (20mm)	0.08" (2mm)/0.8" (20mm)
ACCURACY	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel
DATA CAPTURE (COLOR/GRAYSCALE)	16-bit	48-bit/16-bit	48-bit/16-bit
COLOR SPACE	N/A	RAW RGB/sRGB	RAW RGB/sRGB
SCAN SPEED 1-BIT MONO (in/sec) @200 dpi	12.00	12.00	12.00
SCAN SPEED 24-BIT COLOR (in/sec) @200 dpi	N/A	1.00	4.00
PAPER PATH	Face-down, front entry, rear exit		
INTERFACE	High Speed USB 2.0/Gigabit Ethernet - network ready		
POWER REQUIREMENTS	External power supply 100~250 VAC autosensing +/-10% Less than 40VA (scanning) 4.2 VA (standby)		
WEIGHT & DIMENSIONS (WxHxD)	97lbs (44kg)	56.7 x 7 x 14.6" (144 x 18 x 37cm)	
HOST PLATFORM	Windows XP, Windows Vista -32-bit and 64-bit architectures		
CERTIFICATIONS	CB, CE, FCC, UL, RoHS. ENERGY STAR <sup>®</sup> .		
INCLUDED SOFTWARE	SmartLF All-in-One scan and copy software -supports TIFF, JPEG, PNG & PDF; WIA/STI interface.		
OPTIONAL SOFTWARE	ScanWorks - industry leading scanning software; CopySmart professional scan-to-copy software.		

<sup>1</sup>Unlike fluorescent tubes, LEDs only come on when scanning. They have an estimated working-life of 50,000 hours or 6 years scanning 24/7. <sup>2</sup>CCD (Charge Coupled Device).

<sup>3</sup>Colortrac scanning software - "a joy... provides the best results" Cadalyst (April 2007). For an explanation of scanning terms, see [www.colortrac.com/glossary.htm](http://www.colortrac.com/glossary.htm)

[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 may be limited by the effective bandwidth of the USB2 or Ethernet I/F and are not guaranteed for all media types.] [3. The achieved scan accuracy may vary depending on the operating environment and the type and thickness of media. Colortrac measures accuracy by scanning a paper original printed with a 88.58cm (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.] [4. The maximum resolution and size selectable for an image is limited by the file format specified, the available disk space and the computer operating system.] [5. 16 color RGB (4-bit) adaptive indexed palette images are a feature of the optional Colortrac ScanWorks software.] [6. Languages supported: Arabic, Chinese (Traditional), English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish.] [7. 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 Smart LF® are trademarks of Colortrac Ltd. All other trademarks are the property of their respective owners. Copyright © 2009 Colortrac Ltd. COLORTRAC SMARTLF WIDE FORMAT SCANNERS ARE DESIGNED AND MANUFACTURED BY COLORTRAC.

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