



Maps



CAD &amp; Technical Drawings



Photographs



Graphic Art

# Colortrac SmartLF Gx+ 28/Gx+ T28



Professional SmartLF Scanning Solutions for:

- REPROGRAPHICS
- COPY SHOPS
- GRAPHICS DESIGNERS
- MAPPING & GIS PROFESSIONALS
- AEC CAD DRAWING OFFICES



- ▶ Unique bi-directional LED<sup>1</sup> illumination system – instant-on, long-life, no fluorescent tubes
- ▶ High definition (HD) 1200dpi optical CCD<sup>2</sup> resolution – the highest available
- ▶ ENERGY STAR<sup>®</sup> qualified – uses 30% less power and 94% less when idle – cuts costs
- ▶ High productivity – scan A1/D-size documents FAST at 12ips @ 200dpi mono and 4ips color
- ▶ Optional ScanWorks<sup>3</sup> software offers outstanding "scan once interactive 2D image restoration"
- ▶ 28" image width with 34.13" media width - ideal for scanning up to A1/D-size documents
- ▶ 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+ T28
- ▶ Network-ready - Ethernet 1000 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+ 28 range now defines a new industry benchmark. Its combination of instant-on, long-life bi-directional 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+ 28 range the best-of-breed in CCD-based scanning.



**Colortrac**  
Our Business is Your Image

**SmartLF Gx+ 28**

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+ 28 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+ 28m/Gx+T28m mono/grayscale	Gx+ 28c/Gx+T28c +Color	Gx+ 28e/Gx+T28e +Express Color
UPGRADEABLE Note: No upgrade available from Gx+ to Gx+T models	m → c m → e	c → e	N/A
OPTICAL RESOLUTION	1200dpi	1200dpi	1200dpi
INTERPOLATED RESOLUTION	9600dpi	9600dpi	9600dpi
MAX SCAN WIDTH	28" (71.12cm)	28" (71.12cm)	28" (71.12cm)
MAX MEDIA WIDTH	34" (86.7cm)	34" (86.7cm)	34" (86.7cm)
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) @200dpi	12.00	12.00	12.00
SCAN SPEED 24-BIT COLOR (in/sec) @200dpi	N/A	1.00	4.00
PAPER PATH	Face-down, front entry, rear exit		
INTERFACE	High Speed USB 2.0 / Ethernet 1000 network-ready		
POWER REQUIREMENTS	External power supply 100~250 VAC autosensing +/-10% Less than 72Wh (scanning) 4.5Wh (standby)		
WEIGHT & DIMENSIONS (WxHxD)	87lbs (39.5kg)	44.9 x 7 x 14.6" (114 x 18 x 37cm)	
HOST PLATFORM	Windows XP, Windows Vista – 32-bit and 64-bit architectures		
CERTIFICATIONS	CB, CE, FCC, UL, RoHS. ENERGY STAR®.		
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 31in (78.74cm) 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. The achieved scan accuracy may vary depending on the operating environment and the type & thickness of media.] [4. The maximum resolution & size selectable for an image is limited by the file format specified, the available disk space & the computer operating system.] [5. 16 colour 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.] [For Colortrac's recommended minimum PC specification, go to: [www.colortrac.com/support/system\\_requirements.htm](http://www.colortrac.com/support/system_requirements.htm).] [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 LTD

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