

SmartLF Gx+ 42

INNOVATION IN WIDE FORMAT SCANNERS AND SOFTWARE



Wide Format Scanners for High Speed
Technical Imaging & Hi-Fidelity Color
Reproduction

SUITABLE FOR:
SCANNING & REPROGRAPHICS SERVICE
PROFESSIONALS, AEC, CAD, MAPPING & GIS,
ELECTRONIC DOCUMENT CAPTURE (ISIS)



WASTE NO TIME with Colortrac's SmartLF Gx+ 42 wide format, high volume production scanners.

With full high definition (HD) 1200x1200dpi optical resolution, the SmartLF Gx+ 42 captures crisp, sharp fine line details found in technical documents and maps combined with the accurate color imaging of artwork, photographs and graphics originals. The innovative LED lighting system provides instant-on high productivity from the moment you power on, with no warm up required and no waiting.

These scanners provide the ultimate in wide format scanning and copying productivity coupled with superior color reproduction.



TIME IS MONEY



Key Features

HIGH VOLUME PRODUCTION SCANNERS

- ◆ PRODUCTIVE scanning – 4ips color and 12ips monochrome @ 200dpi
- ◆ 1200dpi High Definition (HD) optical resolution
- ◆ 42in image width – perfect for scanning oversize AO/E-size documents
- ◆ **NEW** Magnetic document guide for easier, reliable and skew free loading in high volume operation
- ◆ **NEW** Includes SmartWorks EZ Touch SCAN/COPY/EMAIL software
- ◆ High density 48-bit color graphics and 16-bit monochrome data capture for accurate color and excellent monochrome images
- ◆ Reliable media feed system with advanced 2+4 all-wheel drive
- ◆ Versatile media handling up to 0.08in (2mm) suitable for most media types. “T” model option for scanning mounted documents up to 0.8in (20mm)
- ◆ On-site upgrade from monochrome to color and express color - via Email
- ◆ CCD sensor technology with unique, bi-directional LED lighting system for maintenance free, low cost operation from power-on, no warm-up, no waiting ENERGY STAR® Qualified
- ◆ Plug and play USB2 or Gigabit Ethernet connection to your network
- ◆ Optional document return guide

Colortrac's 6th generation SmartLF Gx+ 42 ENERGY STAR® qualified scanners combine a unique Colortrac designed bi-directional LED light system, with superior color imaging attributes of CCD technology.

LED has low energy requirements, a longer life and reduced environmental impact compared to traditional fluorescent tube lighting systems.

These uniquely versatile scanners capture the sharply defined line detail in technical documents and maps required for AEC, CAD and GIS combined with the highly accurate color reproduction and copying required for graphics and photographic documents – at a price you can afford.



CAD and Technical Drawings



Image Enhancement

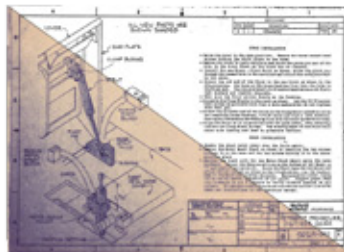


Image Restoration



Graphic Art & Photographs

All SmartLF scanners are available in three affordable specification levels; monochrome, color and express color, (m, c, e). m and c models can be easily upgraded via unique Email process if requirements change.

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

SmartLF Gx+ 42 scanners include SmartWorks EZ Touch SCAN/COPY/EMAIL software that combines wide format scanning and copying in one very easy to use program and has full compatibility with wide format printers through standard Windows drivers.

SmartWorks EZ Touch is optimized for use with touchscreen monitors using a simple, intuitive user interface suitable for general office use.



SmartWorks EZ Touch software - Everything you need is IN THE BOX!

Colortrac recommends:

SmartWorks Pro SCAN & COPY software for more demanding users.

The professional option with Colortrac's 'scan once' workflow for unrivalled control & productivity.

Includes Intelligent Adaptive Thresholding (IAT) - voted "Best in Class" and receiving 4.5 Star OUTSTANDING rating by BERTL.

	Gx+ 42m / Gx+ T42m	Gx+ 42c / Gx+ T42c	Gx+ 42e / Gx+ T42e
	Mono/Grayscale	+Color	+Express Color
Upgradable	m \leftrightarrow c m \leftrightarrow e	c \leftrightarrow e	n/a
Scanner Optical Resolution	1200 dpi	1200 dpi	1200 dpi
Software Scan Resolution	100 to 600 dpi with SmartWorks EZ Touch & Touch Plus; up to 9600 dpi (interpolated) with SmartWorks Pro		
Max Scan Width	42" (106.7 cm)	42" (106.7 cm)	42" (106.7 cm)
Max Media Width	46" (116.8 cm)	46" (116.8 cm)	46" (116.8 cm)
Max Media Thickness	0.08in (2.0 mm) / 0.8in (20mm)	0.08in (2.0 mm) / 0.8in (20mm)	0.08in (2.0 mm) / 0.8in (20mm)
Imaging Technology	6 x CCD	6 x CCD	6 x CCD
Scan Accuracy	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel
Max Image Length ⁵	The maximum image length using SmartWorks EZ Touch is 96" (2438mm). The maximum resolution & size (width & length) for a SmartWorks Pro image is limited by the file format specified, the available disk space and the computer operating system.		
Data Capture (color/grayscale)	16-bit	48-bit / 16-bit	48-bit / 16-bit
Color Space	n/a	Raw RGB from scanner sRGB using SmartWorks EZ Touch Profiled RGB from optional SmartWorks Pro	Raw RGB from scanner sRGB using SmartWorks EZ Touch Profiled RGB from optional SmartWorks Pro
Scan Speed - 1-bit mono (in/sec) @200dpi	12.00	12.00	12.00
Scan Speed - 8-bit grayscale (in/sec) @200dpi	12.00	12.00	12.00
Scan Speed - 24-bit color (in/sec) @200dpi	n/a	2.00	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 100-240VAC auto-sensing +/-10%, 50-60Hz Scanner power consumption: 72W (scanning) / 4.5W (standby)		
Operating Conditions ⁶	10°C - 35°C, 35% - 80% Relative Humidity non-condensing		
Weight & Dimensions (WxHxD)	97 lbs (44 kg) 56.7in x 7.0in x 14.6in (114 x 18 x 37 cm)		
Host Platform	Windows 8, Windows 7, Windows Vista, Windows XP ⁸ - 32-bit and 64-bit architectures		
Certifications	CB, CE, CCC, FCC, UL, RoHS compliant and ENERGY STAR qualified		
Included Software ⁷	SmartWorks EZ Touch - Touch Screen SCAN/COPY/E-MAIL software - supports TIFF, JPEG & PDF		
Optional Software ⁷	SmartWorks EZ Touch Plus - Touch Screen SCAN & COPY software adds image edit features & user adjustable document presets SmartWorks Pro - SCAN & COPY software - industry leading, professional scanning and color-copying software		
Accessories	Floor Stand, Paper Catch Basket, Document Return Guide, Universal Repro Stand, PC and Monitor Mounting Kit (floor stand required)		

Notes:
1 - Colortrac does not guarantee quoted speeds for thicker media. Thicker media should be scanned at reduced speeds to obtain optimal image quality. **2** - The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times and quoted top speeds will depend on the host performance and are not guaranteed for all media types. **3** - True 200 x 200dpi image capture. Competitors quote scan speeds using 'Turbo', 'Normal' or 'High Speed' modes that reduce image quality whilst suggesting that scan resolution is doubled. These modes use software interpolation to create 'virtual image pixels' from a lower resolution scan thereby increasing the number of pixels in the scan direction (&/or X-direction) in an attempt to simulate higher image resolution. Colortrac SmartLF scanners are designed to scan images fast at the optimum resolution required to capture the original image detail without compromising quality. **4** - The achieved scan accuracy may vary depending on the operating environment and the type & thickness of media. **5** - The maximum resolution & size (width & length) selectable for an image depends on the scan software, is limited by the file format specified, the available disk space and the computer operating system. **6** - Operation in mobile, dusty or variable temperature environments may require more frequent scanner maintenance. **7** - SmartWorks EZ Touch & SmartWorks EZ Touch PLUS support PC monitors of 15" to 23" with minimum height resolution of 800 pixels or better as a full screen application. The scanner may need to be slowed down for high scan resolutions and/or wider documents. This is a limitation of Windows XP.

For full details of host system requirements please go to: <http://www.colortrac.com/>
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