

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.

Our **fastest ever** 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

- ◆ One of our most PRODUCTIVE scanners - 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

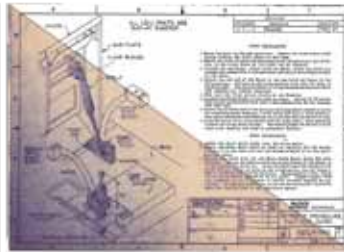


Image Restoration



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



SmartWorks EZ 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.

Specifications



| | Gx+ 42m / Gx+ T42m | Gx+ 42c / Gx+ T42c | Gx+ 42e / Gx+ T42e |
|---|--|--|--|
| | Mono/Grayscale | +Color | +Express Color |
| Upgradable | m → c m → e | c → e | n/a |
| Optical Resolution | 1200 dpi | 1200 dpi | 1200 dpi |
| Extended Resolution ⁵ | 9600 dpi | 9600 dpi | 9600 dpi |
| 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 |
| 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 | 10°C - 35°C, 35% - 80% Relative Humidity non-condensing | | |
| Weight & Dimensions (WxHxD) | 97 lbs (44 kg) 56.7in x 7.0in x 114.6in (114 x 18 x 37 cm) | | |
| Host Platform | Windows XP, Windows Vista, Windows 7 - 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 - Thicker documents upto 2mm must be flexible. 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 is limited by the file format specified, the available disk space and the computer operating system. SmartWorks EZ Touch maximum image length is 96" (2438mm). 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. It is a 'full time, 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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