

# Affordable SmartLF Large Format Scanner and Scanning Software Solutions

## WHICH SCANNER IS BEST FOR YOU?

Colortrac has the longest experience of providing industry-leading CCD (charge-coupled-device) and CIS (contact image sensor) large format document scanning solutions.

Colortrac pioneered the first large format color scanner and is the leader in color CCD optical imaging today. It was for many years the only company to manufacture both CCD and CIS large format scanners and the first to make CIS technology popular and affordable.

Colortrac's history of providing affordable, industry-leading scanning solutions ensures that you get the best scanning solution for your needs and budget.

## CCD vs CIS

CCD scanners are best for scanning color graphics which require accurate color reproduction. CCD is the only choice for demanding graphics professionals. CIS scanner produce sharper results, making them better for AEC, CAD, GIS, technical drawings and maps. Whatever your need, SmartLF CCD or CIS scanners give outstanding results.

## AFFORDABLE COLOR CAPTURE

CCD is better for color because it captures a wide color gamut with a high dynamic range. Color gamut is the spread of colors which a CCD scanner can accurately capture. Dynamic range is the detail it can "see" in dark areas before "blacking out". Using 48-bit color capture, SmartLF CCD scanners produce faithful color copies with subtle shadow details.

For very accurate color graphics capture, nothing beats a high fidelity, high resolution SmartLF Gx+ CCD scanner. It is the leading color scanning solution in its class *par excellence*.

## HIGH OPTICAL RESOLUTION

SmartLF CIS scanners have 600 dpi optical resolution, ideal for capturing technical documents and maps in sharp detail.

The new SmartLF Gx+ 28 and Gx+ 42 set new standards in CCD-based scanning. They are the first CCD scanners with true 1200 x 1200 dpi optical resolution. Their unrivalled high optical resolution now allows technical documents and maps to be captured with greater sharpness than ever.

SmartLF Gx+ 28 and Gx+ 42 CCD-based scanners now have resolving power similar to CIS scanners. They offer graphics and technical document users the most cost-effective route to the benefits of both CCD and CIS imaging - superb color and fine line detail capture in one scanner!

## PRICE AND PERFORMANCE

SmartLF Cx 40 and Ci 40 CIS-based scanners are both 40" wide for scanning A0 / E-size technical documents and maps in monochrome, greyscale or color while the new, narrower Ci 24 scans A1 / D-sizes. All offer outstanding price and performance benefits.

SmartLF Gx+ CCD-based scanners are available in three sizes. Their high optical resolution provides sharp scans of technical documents and maps while their optimized color imaging gives the best color copies at any



Among its industry-leading innovations and practical productivity improvements are optimized high quality color imaging, 1200 dpi optical resolution, Ethernet 1000 connectivity, ENERGY STAR compliance and instant-on LED illumination.

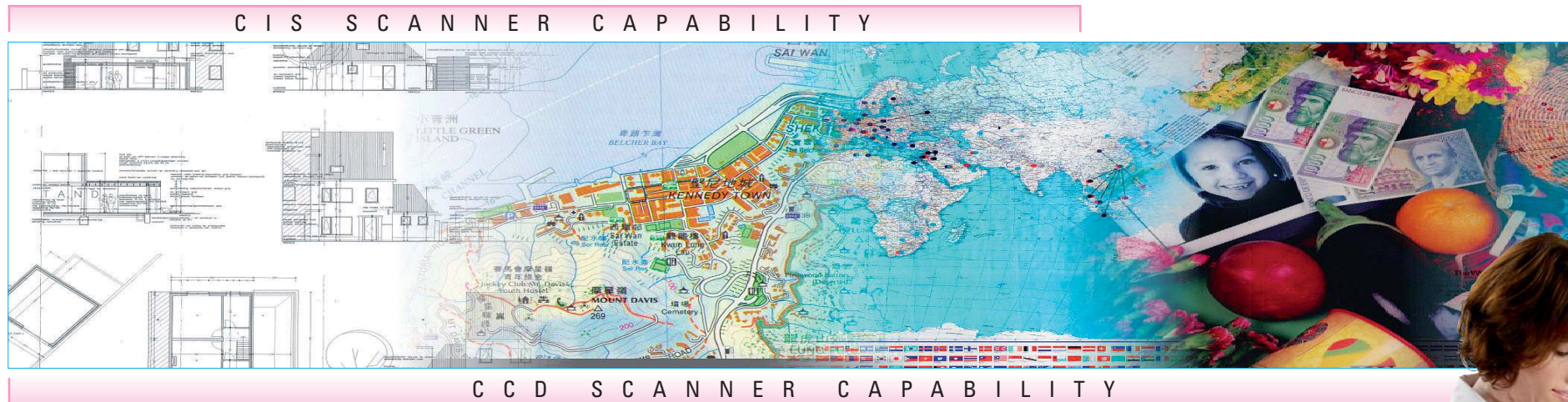
## SCANNING SOFTWARE SOLUTIONS

All SmartLF scanners are supplied with SmartLF All-in-One ready-to-run Scan, Copy and Email (PDF) software.

Powerful ScanWorks professional scanning software has a unique "scan-it-once" ability to ensure you produce top quality scanned images in the least amount of time.

ScanWorks provides the fastest workflow and productivity in technical document scanning today. Its interactive adaptive thresholding for real-time image restoration and enhancement is "a joy.... it provides the best results." (Cadalyt April 2007).

SMARTLF GX+ 28 / GX+ T28 (m, c & e)  
MTM (Motorized Thick Media) option



(middle)  
SMARTLF GX+ 42 / GX+ T42 (m, c & e)  
MTM (Motorized Thick Media) option

(above)  
SMARTLF GX+ 56 / GX+ T56 (m, c & e)  
MTM (Motorized Thick Media) option

price. Available in 28" A1 / D-size and 42" A0 / E-size models, the SmartLF Gx+ 28 and Gx+ 42 are the best in their class. No CCD scanner scans technical documents as sharply or scans color as vividly.

The SmartLF Gx+ 56 is the widest CCD scanner there is. Nothing matches the price and performance of the SmartLF Gx+ series.

## AWARD-WINNING SMARTLF CCD SCANNERS

SmartLF scanners are the only ones to win BERTL 4 1/2 Star Awards for both CCD and CIS large scanners. In independent tests, BERTL rated the SmartLF Gx+ 42 and Ci 40 scanners "Outstanding". No other scanner manufacturer has achieved this distinction.

Graphics industry professionals reading Wide-Format Imaging voted the SmartLF Gx 42 color scanner 2009's "Best Large Format Scanner". (Wide-Format Imaging Reader's Choice Top Products Awards 2009). The award-winning SmartLF Gx series has now been replaced by the improved SmartLF Gx+ range.



Scanners4CAD, the independent scanning authority, agrees. It says ScanWorks "the most productive scanning software". (April 2009).

CopySmart professional color copying software is an easy to use, high color fidelity scan to copy solution with dedicated support for leading wide format printers. Its high definition color scanning and paper management controls include quick ICC profiling, color adjustment, image cropping, paper economy and predictable sizing. It ensures superb color copies every time. ISIS drivers for EDC/EDM systems are available for ALL SmartLF wide format scanners.

For further information on Colortrac SmartLF large format scanners and scanning software solutions, please see our detailed individual product brochures at [www.colortrac.com](http://www.colortrac.com)





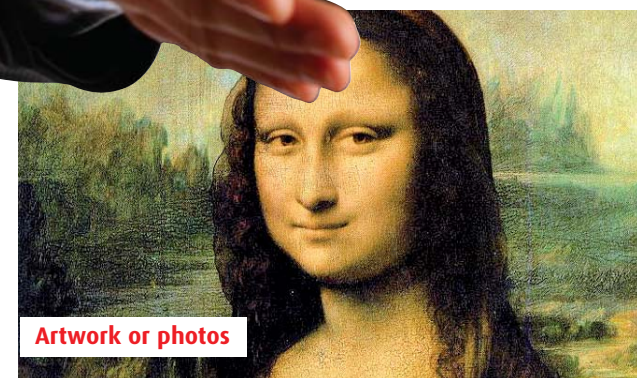
**SMARTLF LARGE FORMAT SCANNERS AND SCANNING SOFTWARE**



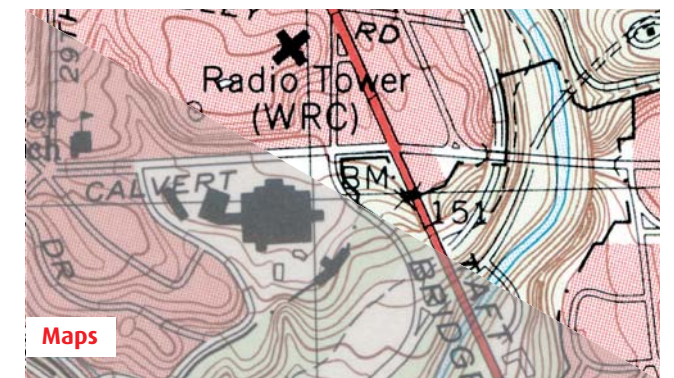
Colortrac has the widest selection of CCD and CIS scanners. We can provide you with the scanner that is right for you, your application and your budget!

	Ci 24	Ci 40	Cx 40	Gx+28/Gx+ T28	Gx+42/Gx+ T42	Gx+56/Gx+ T56
MODELS & UPGRADES	three models: m (monochrome), c (color), e (express color) : all models can be upgraded, m to c, m to e or c to e by email.					
OPTICAL RESOLUTION	600dpi CIS	600dpi CIS	600dpi CIS	1200dpi CCD	1200dpi CCD	600dpi CCD
ENHANCED RESOLUTION	9600dpi	9600dpi	3600dpi	9600dpi	9600dpi	9600dpi
MAX SCAN WIDTH	24"/60.9cm	40"/101.6cm	40"/101.6cm	28"/71.1cm	42"/106.7cm	56"/142.3cm
MAX MEDIA WIDTH	25"/63.5cm	41"/104.1cm	44"/111.8cm	34"/86.7cm	46"/116.8cm	61.8"/157cm
STD MEDIA	0.012"/0.3mm/280gsm	0.012"/0.3mm/280gsm	0.08"/2mm	0.08"/2mm	0.08"/2mm	0.08"/2mm
MAX T MEDIA THICKNESS	N/A	N/A	N/A	0.8"/20mm	0.8"/20mm	0.8"/20mm
ACCURACY	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel	+/-0.1% +/-1 pixel
LED INSTANT-ON LONG LIFE ILLUMINATION	Yes	Yes	Yes	Yes	Yes	Yes
DATA CAPTURE (COLOR / GRAYSCALE)	48-bit/16-bit	48-bit/16-bit	48-bit/16-bit	48-bit/16-bit	48-bit/16-bit	48-bit/16-bit
SCAN SPEED MONO (ips) @200dpi	10.00	10.00	9.00	12.00	12.00	9.00
SCAN SPEED COLOR (ips) @200dpi	c:1.67 / e:3.33	c:1.67 / e:3.33	c:0.75 / e:3.00	c:1.00 / e:4.00	c:1.00 / e:4.00	c:1.50 / e:3.00
INTERFACE	Ethernet 1000/USB 2.0	Ethernet 1000/USB 2.0	USB 2.0/WIA/STI	Ethernet 1000/USB 2.0	Ethernet 1000/USB 2.0	Ethernet 1000/USB 2.0
WEIGHT	36lbs (16.3kg)	49lbs (22kg)	73lbs (33kg)	87lbs (39.5kg)	97lbs (44kg)	126lbs (57kg)
DIMENSIONS (WxHxD)	32.7x7.7x10.6" (83.2x19.7x27cm)	48.5x8x10.6" (123x20x27cm)	54.8x6.7x13" (140x17x33cm)	44.9x7x14.6" (114x18x37cm)	56.7 x 7 x 14.6" (144x18x37cm)	72.5x7x14.6" (184x18x37cm)
ENERGY STAR	Yes	Yes	No	Yes	Yes	Yes
CERTIFICATIONS	CB, CE, FCC, UL, RoHS.					
HOST PLATFORM	Windows XP, Windows Vista, Windows 7 – 32-bit and 64-bit architectures					
INCLUDED SOFTWARE	SmartLF All-in-One scan and copy software – supports TIFF, JPEG, PNG & PDF; WIA/STI.					
OPTIONAL SOFTWARE	ScanWorks – industry leading scanning software; CopySmart professional scan-to-copy software, ISIS Driver.					

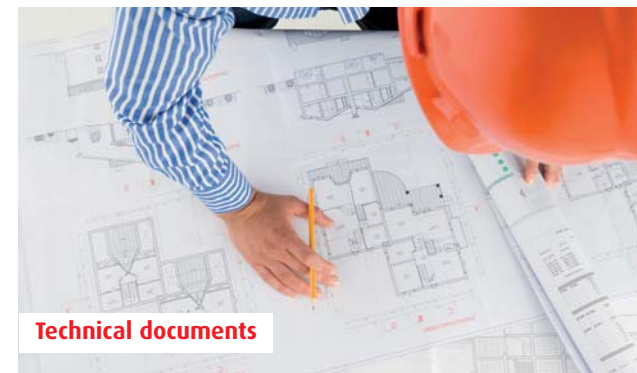
**WHAT DO YOU WANT TO SCAN?**



Artwork or photos



Maps



Technical documents



Other / oversize

**WE HAVE A LARGE FORMAT SOLUTION THAT'S PERFECT FOR YOU!**

[1. Media wider than 41.5"/105.4cm (Cx 40), 34"/86.3cm (Gx+ 28), 43"/109.2cm (Gx+ 42), 61.8"/157cm (Gx+ 56) 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 & 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 (Ci 40, Gx+ 28, Gx+ 42, Gx+ 56): 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.html.] [Colortrac SmartLF scanners comply with CB, CE, FCC, UL and RoHS standards and regulations. Colortrac SmartLF Ci and Gx+ scanners comply with ENERGY STAR.] 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.

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SmartLF Gx 42  
Wide-Format Imaging  
Readers' Choice  
Top Product 2009

