The award-winning SmartLF Ci40 is the only large format scanner with certified ISIS support.

The industry-leading **SmartLF Ci 40** range of large format technical document scanners are affordable 40" wide, ENERGY STAR qualified CIS devices offering high quality imaging, fast Ethernet 1000 connectivity and instant-on, walk-up operation from LED long-life illumination.

Ideal for AEC, CAD and GIS technical documents and office color graphics, photographs, maps, etc.

What are the benefits of Colortrac Ci 40 CIS scanning technology?

SmartLF CIS (contact image sensor) technology captures the finest image detail in technical documents and maps.

SmartLF Ci 40 wide format scanners use the latest CIS technology to provide valued performance benefits, including scan speed, image quality, resolution and low power consumption. Unlike all other scanners, its unique paper path returns documents to the front, allowing it to be placed against a wall, saving space.

The Ci 40 uses 600dpi CIS sensors with higher resolving power and geometric accuracy than CCD technology. Resolving power is how well a scanner sees thin lines and edges; geometric accuracy is a measure of the spatial accuracy of the image against the original document.

If you need the best possible black & white or color reproduction in terms of line definition and accuracy in technical documents, (such as AEC / CAD drawings, maps etc), then a SmartLF CIS scanner is the "smart" choice.

SmartLF Ci 40's use of CIS sensors and LED lighting for instant-on illumination make it compact and lightweight. If you want to be mobile and switch on and start scanning immediately, SmartLF CIS technology will allow you to do this.

The new SmartLF Ci 40 series provides exceptional monochrome performance with very sharp, clean black & white images; excellent greyscale reproduction; and attractive color copying at high scan speeds suitable for all your needs.

Software

SmartLF All-in-One (included)
Easy to use scanning and copying software designed for nonspecialists. It includes all essential functions such as scan to file (PDF, TIFF, JPG) and scan to copy (any Windows printer).

ScanWorks (optional)
Powerful scan to file software with a unique "scan-it-once" ability to ensure that top quality scanned images are produced in the least amount of time.

ScanWorks requires a minimum of scanner activity as **ALL** image adjustment can be made from just one scan of the document. This gives you the fastest workflow and productivity in technical document scanning today. Its interactive adaptive thresholding for flexible real-time image restoration and enhancement is *"a joy.... provides the best results."* (Cadalyst April 2007)

CopySmart (optional)
Simple to use but advanced professional scan to copy software with dedicated Colortrac printer driver support for market leading printers.

CopySmart gives high definition color scan and print productivity. Its color and paper management controls include quick and simple user ICC profiling, color adjustment, image cropping, paper economy and predictable copy sizing to ensure economic, professional quality color copies every time.

ISIS certified driver
Industry standard ISIS scanner driver available for EDC/EDM applications.

CLASP software (optional)
(CoLortrac Approved Software Products). Third party software from leading independent software vendors.

Universal Repro Stand with PC / flat screen mounting.

Scanner accessories

Floor stand with paper catch basket

Floor stand
Minimizes the installed footprint of the scanner and positions the document feed at a comfortable and convenient height for most users to work at.

Paper catch basket
For floor stand. A handy repository for documents after they are removed from the front of the scanner.

PC / flat screen mounting
For floor stand. Combines a SmartLF scanner with a PC, screen and keyboard to create a self-contained and practical scanning workstation.

Universal Repro Stand
A floor stand for use with popular large format printers. The scanner is held above the printer to minimize the combined footprint and create a practical scan-to-copy workstation.

There are three SmartLF Ci 40 high definition large format scanner models with performance levels and features optimized for different applications. If your requirements change, the m and c models can be upgraded at your premises quickly and easily using our simple scanner upgrade process via email.

● standard   o optional   - not supported

Feature	SmartLF Ci 40 wide format scanner model:	m	c	e
Maximum image width	40in (101.6cm) Image length: not limited by scanner	●	●	●
Maximum media width	41in (104.1cm) Thickness: 0.012in (0.3mm)	●	●	●
Scan speeds[1] in/sec	24-bit RGB color @ 200dpi[2]	-	0.83	3.33
	8-bit grayscale & monochrome @ 200dpi[2]	10.00	10.00	10.00
Scan accuracy[3]	+/-0.1% +/-1 pixel	●	●	●
Optical resolution	Dots per inch (dpi)	600	600	600
Extended resolution[4]	Linear interpolation from 100 to 9600dpi in 1 dpi steps	9600	9600	9600
Scan modes	16.7 million color RGB (24-bit)	-	●	●
	256 & 16 color RGB adaptive indexed color palette (8-bit & 4-bit)[5]	-	●	●
	256 level grayscale (8-bit)	●	●	●
	Black & White (1-bit)	●	●	●
Digital image processing (Colortrac software options provide a comprehensive range of 'post scan' image processing filters and tools)	2D Intelligent Adaptive Thresholding (IAT) (1-bit mode)	●	●	●
	Fixed Threshold Black & White (1-bit mode)	●	●	●
	Dynamic Normalization Application (DNA) with 16-bit super sampling	●	●	●
Color space	Normalized / linearized RAW RGB or sRGB	-	●	●
Color image processing	Gamma, brightness, black & white point adjustment	-	●	●
Advanced Single Roller Paper Transport (ASRPT)	Single large diameter precision ground drive roller	●	●	●
	Adaptive CIS media focus management & media guide mechanism	●	●	●
	Intuitive face up, front loading & front exit media path with side or center justification	●	●	●
	Automatic media size detection with reliable optical media sensors	●	●	●
All digital image sensor technology	5 x Contact Image Sensors (CIS) each with 5,000 pixels	●	●	●
	48-bit RGB color image capture	-	●	●
	16-bit grayscale image capture	●	●	●
	Panchromatic monochrome and black & white	●	●	●
Light source (in CIS)	Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability	●	●	●
Optics (in CIS)	Solid state fiber optic rod lens with 1:1 object sensor magnification	●	●	●
User status & one touch operation	Center mounted LCD scanner control panel provides easy walk up operation and user selection of scanner mode with stop, forward, rewind, scan & copy buttons	●	●	●
	User selectable IP address, local language options and panel overlay[6]	●	●	●
Scanner maintenance	Customer installable, plug 'n' play scanner	●	●	●
	Precision media calibration with DNA 16-bit super sampled data	●	●	●
	Automatic digital stitch adjustment / Easy access for cleaning	●	●	●
SmartLF All-in-One software (included)	Scan-to-file with real-time image viewer	●	●	●
	Scan-to-copy with real-time image viewer	●	●	●
	Scan-to-email with real-time image viewer	●	●	●
	Drivers, TIFF, JPEG, PNG, PDF file formats	●	●	●
Interface (included)	Ethernet 1000 (2m) & USB2 (2m) data cables / local power cable	●	●	●
	Windows Image Acquisition (WIA) / Still Image Interface (STI)[7]	●	●	●
Dimensions & weight	48.5in wide x 8in high x 10.6in deep (123.2 x 20.1 x 27cm) 49Lbs (22kg)	●	●	●
Power requirements & consumption	External power supply 100~250VAC autosensing +/-10%, 50~60Hz	●	●	●
	Scanner power consumption 40Wh (scanning) 4.2Wh (standby)			
Environmental impact	ENERGY STAR and RoHS compliant	●	●	●
Operating conditions	10°C - 35°C, 35% - 80% RH non-condensing	●	●	●
Scan software	ScanWorks ~ professional scan-to-archive & post scan image processing	o	o	o
Copy software	CopySmart ~ professional scan-to-print with IT8 color matching	o	o	o
EDC software	ISIS™ driver ~ connect seamlessly to EDM systems & database	o	o	o
Scanner accessories	Floor Stand 32.3in high x 21.7in deep (82 x 55cm) 29Lbs (13kg)	o	o	o
	Paper Catch Basket (floor stand is required)	o	o	o
	PC & Flat screen mounting kit (floor stand is required)	o	o	o
	Universal Repro Stand + adapter with PC & Flat screen mounting kit	o	o	o
	75in wide x 63in high (MAX incl. scanner) x 29in deep (189 X 160 x 74cm)			
	113Lbs (51kg), max permissible printer height 49in (125cm)			

STANFORD MARSH
STANFORD MARSH GROUP

www.stanfordmarsh.co.uk
info@stanfordmarsh.co.uk | 0844 856 0701

Colortrac
Our Business is Your Image

www.colortrac.com