

NEW!

For the highest quality scans of all your documents using professional CCD cameras

Colortrac SmartLF SG

Experience an all new scanner with the same charge-coupled device (CCD) sensor technology used in professional quality cameras.

Choose the highest quality scans for all your document types, and get it right the first time.

Produce superior quality images and copies of documents up to 36 or even 44 inch wide.

Scan all types of paper and mounted documents.

Super-easy adjustment for different media thicknesses up to 15 mm.

SUITABLE FOR:

- Hi-Fidelity colour reproduction for scanning and reprographics service professionals
- High Speed Technical Imaging within AEC, CAD, Mapping and GIS
- Electronic Document Capture (TWAIN)



Floor Stand and Return Guides are options. PC Mount Kit, Repro Stand (height adjustable) and other accessories are available.

We help people to capture, enhance, share, copy and preserve large format digital information

Specifications



There are three SmartLF SG high definition large format scanner models in each size (36in or 44in) with performance levels and features optimised for different applications.

If requirements change, the **m** (monochrome/greyscale) and **c** (colour) models can be easily remotely upgraded to a higher level using a simple emailed scanner upgrade tool. The **e** (enhanced) upgrade offers the highest colour scan speed. Monochrome/greyscale scan speeds are identical across all upgrades.

| OPTIONS | 36" models | 44" models |
|----------------|------------|------------|
| Express Colour | SG 36 e | SG 44 e |
| Colour | SG 36 c | SG 44 c |
| Monochrome | SG 36 m | SG 44 m |

| | SG 36m | SG 44m | SG 36c | SG 44c | SG 36e | SG 44e |
|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Maximum Scan Width | 36in (91.4 cm) | 44in (111.8 cm) | 36in (91.4 cm) | 44in (111.8 cm) | 36in (91.4 cm) | 44in (111.8 cm) |
| Maximum Media Width | 46in (116.9 cm) | | | | | |
| Max Media Thickness | 0.6in (15mm) | | | | | |
| Extended Resolution | Linear interpolation from 100 to 9600dpi in 1 dpi steps | | | | | |
| Optical Resolution | 1200 dpi | | | | | |
| Imaging Technology | 6 x CCDs each with red, green, blue and gray sensor lines. 48-bit color image capture, 16-bit grayscale image capture, black & white (panchromatic full spectrum) | | | | | |
| Light Source | 2D long-life ClearView white LED light illumination system for optimum object illumination and instant-on scan availability | | | | | |
| Optics | 6 x micro lens with integral infra-red filter | | | | | |
| Scan Accuracy | +/-0.1% +/-1 pixel | | | | | |
| Max Image Length (Not limited by scanner) | The maximum image length using SmartWorks EZ Touch is 96" (2438 mm). 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 | Adobe RGB, Profiled RGB, sRGB and RAW RGB | | | | | |
| Scan Speed - 8-bit grayscale & mono (in/sec) @200dpi | 13 | | 13 | | 13 | |
| Scan Speed - 24-bit color (in/sec) @200dpi | n/a | | 4 | | 8 | |
| Paper Path | Face-down, Front entry, Rear exit, Side load | | | | | |
| Interface | USB 3.0 data transfer rates up to 85MB/sec. Optimised USB2 transfer rates up to 35MB/sec. Gigabit Ethernet network-ready. 2m long USB2/USB3 and Gigabit Ethernet cables supplied | | | | | |
| Power requirements and consumption | External power supply 100-240VAC autosensing +/-10%, 50-60Hz Scanner power consumption 72W (scanning) / 2.5W (standby) | | | | | |
| Operating conditions | 10°C - 35°C, 35% - 80% Relative Humidity non-condensing | | | | | |
| Weight & Dimensions (WxHxD) | Scanner: 112 lbs (51 kg) / 56 x 8 x 18 inches (143 x 21 x 45 cm) Packed: 123 lbs (56 kg) / 62 x 12 x 22 inches (157 x 31 x 57 cm) | | | | | |
| Host Platform | Windows 8, Windows 7, Windows Vista - 32-bit and 64-bit architectures | | | | | |
| Certifications | ENERGY STAR Qualified, UL/cUL, FCC, CB, CE, C-TICK, VCCI, PCT/EAC, CCC, RoHS | | | | | |
| SmartWorks Pro scanning software (evaluation version) | SmartWorks Pro Professional-level scan & copy software. Fully color-managed scan environment for ultimate color fidelity. Save to TIFF, multi-page TIFF, JPEG, PDF, multi-page PDF, PNG, AutoCAD DWF, BMP and PCX file formats. Adjustable filters for in-line scan processing or build your own interactively. Internal and Windows printer drivers. | | | | | |
| TWAIN (included) | A Twain driver is included which provides basic control over scanner color mode, resolution and paper size setting. A compatible application is required - see web site for details. | | | | | |
| Accessories | Floor Stand, Paper Catch Basket, Document Return Guide, PC and Monitor Mounting Kit (floor stand required) | | | | | |

www.colortrac.com

Colortrac Limited
3-5 Brunel Court, Burrell Road,
St Ives, Cambs PE27 3LW, UK
Tel: +44 1480 464618
Fax: +44 1480 464620

Colortrac Japan
12th Floor, 1203
Yokohama Creation Square, 5-1 Sakae-cho
Yokohama-Shi, Kanagawa-ken, Japan 221-0052
Tel: +81 (0) 45 548 6991
Fax: +81 (0) 45 548 6992

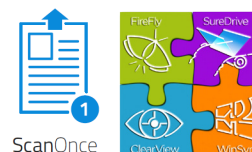
Colortrac Inc.
14155 Sullyfield Circle, Suite C
Chantilly, Virginia 20151, USA
Tel: +1 703 717 5631
Fax: +1 703 717 5361

Colortrac Asia Pacific
5004 Ang Mo Kio Ave. 5
#04-03 TECHplace II
Singapore 569872
Tel: +44 1480 464618
Fax: +65 64 815 428

YOUR COLORTRAC STOCKIST:

Colortrac CCD Key Technologies

- LED illumination: long life, low energy and instant-on
- High speed Ethernet and USB3 interface: maintain high speed at high dpi - get more done
- Fast 8 ips color scan speed: high productivity
- Manual thick media system: fast, mechanically simple, low maintenance - quick and easy to use
- ScanOnce: Efficient scanning and copying workflow
- FireFly: SuperSpeed USB3
- SureDrive: Single driven media pressure roller
- ClearView: Innovative Dual LED lighting
- WinSync: Optimised Windows driver technology



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 SmartLF® are trademarks of Colortrac Ltd. All other trademarks are the property of their respective owners. Copyright © 2014 Colortrac Ltd. Colortrac SmartLF Wide Format Scanners are designed by Colortrac and manufactured in our ISO-9001:2000 certified manufacturing plant.

VERSION: 2014.06.16

INNOVATION IN WIDE FORMAT SCANNERS AND SOFTWARE