

# Colortrac, the leading innovator in the field of large format scanners, introduce the new SmartLF SC 25 and SmartLF SC 36 wide format scanners

Submitted by: Colortrac Ltd

Thursday, 10 January 2013

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Designed using the unique elements of Colortrac Innovative Technologies

(<http://http://www.colortrac.com/about/colortrac-innovative-technologies/>), it is a clear indication that Colortrac have listened to their customers and provided products having distinct higher performance, image quality and price advantages to assist them in satisfying their wide format documents scanning requirements. In expanding the new range of SmartLF SC Series (<http://www.colortrac.com/scanners/>) large format scanner widths to cover 25, 36 and 42 inches; it helps our customers in AEC, CAD, GIS and Copyshop or Service Bureaus to choose the right scanners for their needs.

Commenting on some of the many new elements of Colortrac Innovative Technologies, Peter Brown Colortrac Executive Director said "The new SingleSensor digital imaging technology in the SmartLF SC series large format scanners is a Colortrac invention (Patent pending) and a major breakthrough creating a new paradigm wide format scanner design. By combining up to 50,400 individual image sensors in a compact, robust and single-piece design, Colortrac have obtained a significantly higher image quality and alignment stability eliminating the need for staggered CIS image sensors. This gives each SmartLF SC scanner an optical resolution of 1200dpi or when using SmartWorks Pro (<http://www.colortrac.com/software/smartworks-pro/>) software, this can increase the maximum scanning resolution to 9600dpi. The SingleSensor (<http://www.colortrac.com/about/colortrac-innovative-technologies/>) also captures a larger range of color tones scanning in RAW RGB, but can also provide images in sRGB whichever the customer requires.

By adding the new ClearView (<http://www.colortrac.com/about/colortrac-innovative-technologies/>) technology that comprises the custom designed "instant-on" low energy and bi-directional LED lighting, this works together with SingleSensor to reduce optical errors to a minimum ensuring that all scan and copy data is of the highest possible color and dimensional accuracy. Even shadow effects inherent in the folds of creased documents are reduced by the combination of the ClearView feature and innovative SureDrive (<http://www.colortrac.com/about/colortrac-innovative-technologies/>) active pressure roller that gently presses the document against the SingleSensor. This is particularly apparent when scanning thin materials like creased Newspapers for archival."

All SmartLF SC series large format scanners are capable of scanning monochrome documents at 13 inches/sec and color at up to 6 inches/sec. To handle the higher quantity of image data from the increased scanning speed, the SmartLF SC series incorporates Colortrac FireFly (<http://www.colortrac.com/about/colortrac-innovative-technologies/>) communications technology that incorporate the new industry standard SuperSpeed USB 3.0 (<http://www.colortrac.com/about/colortrac-innovative-technologies/>) serial PC interface. This has always been a restriction on scanning productivity, but now reduces the time taken to transfer the image data from the scanner to the host PC or Cloud online storage services such as Google Drive™, Microsoft SkyDrive™ or Dropbox™. By using the new SmartWorks EZ Touch (<http://www.colortrac.com/software/new-smartworks-ez-touch>) software that is provided with every scanner, easy quality adjustment of the scanned image can be made, making the SmartLF SC series wide format

scanners ideal for those large archival jobs. Independent tests have indicated a realistic throughput of 273 Arch-E (36" x 48") sized color pages per hour at 200dpi resolution – or 171 documents at 400dpi – are easily maintained.

Summarizing the capabilities of the new wide format scanner, Peter Brown commented "All Colortrac SmartLF SC Series scanners use the SingleSensor, SureDrive and ClearView technologies and are Energy Star qualified. By using our Innovative Technologies we achieve higher scanning speed, with SuperSpeed USB3 data transfer and FireFly drivers; these unique features contribute to making the SmartLF SC series wide format scanners probably the most productive scanners available for discriminating users."

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About Colortrac ...

Founded in 1989 and based in St Ives, Cambridgeshire UK, a region of British excellence in science and technology, Colortrac Ltd is the leading innovator in professional wide format scanners and image acquisition software solutions with many new technically innovative patents created by their Research and Development departments, including the NEW SingleSensor scanning technology.

Colortrac was the first wide format scanner manufacturer to recognize the individual merits of both Charge Coupled Display (CCD), Contact Image Sensor (CIS) and will incorporate the newly introduced SingleSensor technology into some of their new SmartLF scanners. Coupled with a full range of supporting SmartWorks software, they are creating unique customer solutions to simplify scanning problems across the full spectrum of applications. These range from the demanding Graphics Arts market to practical, productive CAD, GIS, EDM and FM technical document scanning.

Colortrac Ltd Headquarters is located near Cambridge, UK and has offices in Beijing and Suzhou - P.R. China, Chantilly and Virginia – USA, Yokohama - Japan, Mexico City and Hong Kong.

Further information about Colortrac products can be found at: [www.colortrac.com](http://www.colortrac.com)