

# ScanPlus 6 LF736

**BASIC MODEL: 36" WIDE 1200 DPI, COLOR SCANNER, SCANS 0.6 IPS IN COLOR AND 12.0 IPS IN MONOCHROME  
PLUS MODEL: 36" WIDE, 9600 DPI, COLOR SCANNER, SCANS 1.0 IPS IN COLOR AND 12.0 IPS IN MONOCHROME**



## FEATURES:

- 36" Wide Scanning
- Fast color and monochrome scanner
- 16-bit graytone capture for perfect reproduction of gray shades
- 48-bit color capture for photo-realistic vivid color
- One Touch Scan buttons for scan, copy and scan to e-mail
- Advanced image enhancements includes sharpening, softening, blur, 2D-adaptive, ADL+ copy and more
- All-Wheel-Drive precision tracking system
- Built-in precision color system
- Calibrates to both sRGB and NTSC color spaces
- 3C Auto-Maintenance system
- Advanced Power Management system
- Supports FireWire Plug'n'Play and USB2 interfaces
- Scan to PDF format option
- Scan to network, also across the Internet
- **Two-year on-site service (USA only)**



## SCANNER APPLICATIONS

The ScanPlus 6 LF736 wide format color scanner, with fast monochrome capabilities, offers top level scanning at a highly affordable price. The 36" imaging area handles large color posters, architectural sketches, detailed maps, drawings and fine art of E-size/A0 or smaller. This scanner offers a cost-effective solution for reprographics, graphic arts, GIS and CAD professionals worldwide and opens new possibilities for even small sign companies, pre press shops, pre-press labs, copy shops, POP/exhibit/display providers, mapping, architect and engineer offices.

## HIGH SCANNING SPEEDS

The ScanPlus 6 LF736 base model scanner can scan a typical E-Size monochrome original at 12.0" per second at 400 dpi turbo and a typical E-Size color original at 1.5" per second indexed at 400 dpi turbo. The ScanPlus 6 LF736 plus model scanner can scan a typical E-Size monochrome original at 6.0" per second at 400 dpi turbo and a typical E-Size color original at 1.5" per second indexed at 400 dpi turbo.

## PRECISION COLOR

Equipped with a Precision Color system, the ScanPlus 6 LF736 scanner is enabled to calibrate in the field at any time, ensuring stable and predictable color output. The ScanPlus 6 LF736 scanner is calibrated to both sRGB and NTSC color spaces using an ANSI IT8 calibration target.

## IMAGE ENHANCEMENT POWER

The ScanPlus 6 LF736 contains advanced technology for color and monochrome enhancement. The B/W adaptive thresholding works simultaneously on foreground, background, edges and other individual aspects of the original so you produce clean, crisp scans even from poor quality drawings. All processing is embedded in the hardware enabling you to perform powerful image enhancement without overhead and at speeds incomparable to standards software processing.

## COPYING MADE EASY

Connect the ScanPlus 6 LF736 scanner with a large-format printer and you get the perfect large format color and monochrome digital copier. With the scanner's high precision of details and colors, users can enlarge their creations to full display sizes without losing quality. Getting the right settings for your copy job is easy. Special monochrome copy modes, each fitted to specific original types are supported by the scanner's digital image processing. This scanner is the perfect input device for copying graphics, posters, and complex maps in only a few minutes with fully adjustable graytones and color parameters.

## ADVANCED POWER MANAGEMENT

The ScanPlus 6 LF736 scanner supports Advanced Power Management system that rapidly brings the scanner to its optimal working temperature, after which the temperature is monitored and held at a minimum level ensuring optimal working temperature. The Advanced Power Management system contains advanced features that allows the scanner to power-up automatically before you arrive at work so it is ready to scan when you are.

## ACCURACT LENS ENHANCEMENT TECHNOLOGY (ALE)

With the ScanPlus 6 LF736, GIS professionals, CAD and other specialized markets get a very high grade of precision stability in the scanned image. Accuracy Lens Enhancement Technology (ALE) electronically maintains 0.1% +/- pixel precision across any two points of the scan line thus exceeding even the most rigid requirements in the industry today.



# ScanPlus 6 LF736

| SPECIFICATIONS                   |  |         |         |
|----------------------------------|--|---------|---------|
|                                  |  | Base    | Plus    |
| <b>Pixels:</b>                   | (in pixels)  | 77,000  | 77,000  |
| <b>Resolution:</b>               | (in dpi)   | 600     | 600     |
| <b>Enhanced Resolution:</b>      | (in dpi)   | 1200    | 9600    |
| <b>Scan Accuracy:</b>            | 0.1% +- 1 pixel  | ✓       | ✓       |
| <b>Scanning Speed inch/sec:</b>  | 24-bit RGB, 400 dpi turbo  | 0.6"/s  | 1.0"/s  |
|                                  | 8-bit Indexed, 400 dpi turbo   | 1.5"/s  | 1.5"/s  |
|                                  | Graytone & B/W, 400 dpi turbo  | 12.0"/s | 12.0"/s |
| <b>Scan &amp; Media Width:</b>   | Max Scan Width: 36" (914 mm) Max Media Width 44" (1118 mm) unlimited scan length                 | ✓       | ✓       |
| <b>Maximum Thickness:</b>        | 0.6" (15 mm) Automatic Thickness Adjustment Control (ATAC)                                       | ✓       | ✓       |
| <b>Digital Image Processing:</b> | Dual 2-D Adaptive Enhancement & Adaptive Gray  | ✓       | ✓       |
| <b>Embedded Hardware:</b>        | ADL + Error Diffusion Halftoning   | ✓       | ✓       |
|                                  | 2-D Sharpening, Softening, Blur Filter & Adaptive Thresholding                                   | ✓       | ✓       |
|                                  | Color Feature Extraction   | ✓       | ✓       |
| <b>Scan Modes:</b>               | 24-bit Color, 8-bit Feature Extraction/Indexed Color   | ✓       | ✓       |
|                                  | 8-bit Graytone, Copy Modes with Grayscale  | ✓       | ✓       |
|                                  | 1-bit Black and White, Black and White Dual 2D-Adaptive Modes                                    | ✓       | ✓       |
| <b>Color Adjustment:</b>         | 3 X 3 Matrix Multiplier, Independent RGB Tone curves (Gamma), Independent B/W Point Setting      | ✓       | ✓       |
| <b>Color Space:</b>              | NTSC & sRGB  | ✓       | ✓       |
| <b>Sensors:</b>                  | Triple 4-linear CCD (RGB Triplets + Panchromatic B/W)  | ✓       | ✓       |
|                                  | 48-bit Color Data Capture, 16-bit Graytone Data Capture, All Digital Cameras                     | ✓       | ✓       |
| <b>Auto-Maintenance System:</b>  | Auto Monitoring and Correction (B/W Point), Basic and Precision Color Calibration                | ✓       | ✓       |
| <b>Interface:</b>                | USB2 (High Speed), FireWire, STI (Still Image Interface), WIA (Windows Image Acquisition), TWAIN | ✓       | ✓       |
| <b>Weight/Dimension/Power:</b>   | 125 lbs. (57 kg) 52.9" W X 7.3" H X 18.3" D (1342 X 185 X 465 mm) 110/224/240V, 60/50 cs. 180W   | ✓       | ✓       |
| <b>Power Management:</b>         | Temperature Control, Low Power Mode, Programmable Power-Up Timer                                 | ✓       | ✓       |
| <b>Floor Stand:</b>              | OPTIONAL (Document Basket included with floor stand)   | ✓       | ✓       |
| <b>System Software:</b>          | Included: WIDEsystem Tools, Scanner Drivers, WIDEimageNET, Maintenance                           | ✓       | ✓       |
| <b>Host Platforms:</b>           | Windows and Power Macintosh – see www.gtcocalcomp.com for OS support details                     | ✓       | ✓       |

\*The two ScanPlus 6 LF736 scanner models differ in performance. The Base model can be easily upgraded with new features for future requirements through the Smart-Card Upgrade Kit.

**GTCO CalComp**  
PERIPHERALS  
[www.gtcocalcomp.com](http://www.gtcocalcomp.com)

**Corporate Office**  
GTCO CalComp Inc.  
7125 Riverwood Drive  
Columbia, MD 21046  
410-381-6688  
1-800-344-4723  
Fax: 410-290-9065  
Sales@gtcocalcomp.com

**Western Sales Office**  
GTCO CalComp, Inc.  
8224 East Evans Road  
Scottsdale, AZ 85260  
480-948-6540  
1-800-856-0732  
Fax: 480-948-5508  
Sales@gtcocalcomp.com

**European Sales Headquarters**  
GTCO CalComp GmbH.  
Kreiller Strasse 24  
81673 Muenchen  
Germany  
+49 (0) 89 37012-0  
Fax: +49 (0) 89 37012-12  
EUSales@gtcocalcomp.com