

ScanPlus 6 LF436

**BASIC MODEL: 36" WIDE, 1200 DPI, COLOR SCANNER, SCANS 1.5 IPS IN COLOR AND 10.0 IPS IN MONOCHROME
PLUS MODEL: 36" WIDE, 9600 DPI, COLOR SCANNER, SCANS 3.0 IPS IN COLOR AND 10.0 IPS IN MONOCHROME**



SCANNER APPLICATIONS

The ScanPlus 6 LF436 wide format scanner creates images in photorealistic colors, high-quality grayscale and crisp, clear black-and-white. Color is captured at 48 bits for maximum color precision, passing the best 24 bits of color data to the computer to enhance color fidelity. The ScanPlus 6 LF436 can scan up to 0.47 inch thick originals such as drawings and maps mounted on foamboards, gatorboards, etc. This scanner is the perfect solution for CAD and AEC professionals and copy service providers in large and small businesses.

HIGH SCANNING SPEEDS

The ScanPlus 6 LF436 base model scanner can scan a typical E-Size monochrome original at 10.0" per second at 400 dpi turbo and a typical E-Size color original at 1.5" per second at 400 dpi turbo. The ScanPlus 6 LF436 Plus model scanner can scan a typical E-Size monochrome original at 10.0" per second at 400 dpi turbo and a typical E-Size 24-bit color original at 3.0" per second at 400 dpi turbo.

PRECISION COLOR

A new wide format scanner comes calibrated from the factory, but as time goes by, components and lamps will change the character and affect color output. The unique Precision Color system lets you maintain perfect color results by harmonizing current scanning factors. You can calibrate in the field at any time, so you are always ensured stable and predictable color output.

IMAGE ENHANCEMENT POWER

The ScanPlus 6 LF436 contains advanced technology for color and monochrome enhancement. The B/W adaptive thresholding works simultaneously on foreground, background, edges and individual aspects of the original so you produce clean, crisp scans even from poor quality drawings.

COPYING MADE EASY

Connect the ScanPlus 6 LF436 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. Use JETimage Copy Software with its Precision Color management or other color RIP packages to achieve excellent color-matched output on large-format printers.

ADVANCED POWER MANAGEMENT

The ScanPlus 6 LF436 scanner supports the 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.

FAST AND EASY REPLACEMENT OF VITAL SCANNER PARTS

After long-term use, you can easily replace parts such as the glass plate, lamp and white background plate to refresh your scanner and ensure optimal scanning results. The ScanPlus 6 LF436's open design lets you protect your investment by protecting your scanner from degradation.

ACCURACT LENS ENHANCEMENT TECHNOLOGY (ALE)

With this scanner, GIS professionals, CAD and other specialized markets get a very high grade of precision stability in the scanned image. The Accurate 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.



FEATURES:

- 36" Wide Scanning
- Fast monochrome scanner with added color capabilities
- 16-bit graytone capture for perfect reproduction of gray shades
- 48-bit color capture for photo-realistic vivid color
- Scans thick media—up to 0.47"
- One Touch Scan buttons for scan, copy and scan to e-mail
- Replaceable parts bring down service costs
- 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 USB 2.0 interfaces
- Scan to PDF format option
- Scan to network, also across the Internet



ScanPlus 6 LF 436

SPECIFICATIONS		Base	Plus
Pixels:	(in pixels)	30,000	30,000
Resolution:	(in dpi)	200	200
Enhanced Resolution:	(in dpi)	1200	9600
Scan Accuracy:	0.1% +- 1 pixel	✓	✓
Scanning Speed inch/sec:	24-bit RGB, 400 dpi turbo	1.5"/s	3.0"/s
	8-bit Indexed, 400 dpi turbo	1.5"/s	3.0"/s
	Graytone & B/W, 400 dpi turbo	10.0"/s	10.0"/s
Scan & Media Width:	Max Scan Width: 36" (914mm) Max Media Width 44" (1118 mm) unlimited scan length	✓	✓
Maximum Thickness:	0.47" (12 mm)	✓	✓
Digital Image Processing:	Dual 2-D Adaptive Enhancement & Adaptive Gray	✓	✓
Embedded Hardware:	ADL + Error Diffusion Halftoning	✓	✓
	2-D Sharpening, Softening, Blur Filter & Adaptive Thresholding	✓	✓
	Color Feature Extraction	✓	✓
Scan Modes:	24-bit Color, 8-bit Feature Extraction/Indexed Color	✓	✓
	8-bit Graytone, Copy Modes with Grayshades	✓	✓
	1-bit Black and White, Black and White Dual 2D-Adaptive Modes	✓	✓
Color Adjustment:	3 X 3 Matrix Multiplier, Independent RGB Tone curves (Gamma), Independent B/W Point Setting	✓	✓
Color Space:	NTSC & sRGB	✓	✓
Sensors:	Single 4-linear CCD (RGB Triplets + Panchromatic B/W)	✓	✓
	48-bit Color Data Capture, 16-bit Graytone Data Capture, All Digital Cameras	✓	✓
Auto-Maintenance System:	Auto Monitoring and Correction (B/W Point), Basic and Precision Color Calibration	✓	✓
Interface:	USB2 (High Speed), FireWire, STI (Still Image Interface), WIA (Windows Image Acquisition), TWAIN	✓	✓
Weight/Dimension/Power:	88lbs. (40 kg) 57.8" W X 6.9" H X 18" D (1470 X 175 X 457 mm) 110/224/240V, 60/50 cs. 180W	✓	✓
Power Management:	Temperature Control, Low Power Mode, Programmable Power-Up Timer	✓	✓
Floor Stand:	OPTIONAL (Document Basket included with floor stand)	✓	✓
System Software:	Included: WIDeSystem Tools, Scanner Drivers, WIDeImageNET, Maintenance	✓	✓
Host Platforms:	Windows and Power Macintosh – see www.gtccalcomp.com for OS support details	✓	✓

*The two ScanPlus 6 LF436 scanner models differ in performance. The Base model can be easily upgraded with new features for future requirements through the Smart-Card Upgrade Kit.

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